

AD-A258 589



# SURFACE OBSERVATION CLIMATIC SUMMARIES

for

**HOOD AAF, TEXAS**

Prepared by

OL-A, USAFETAC  
ASHEVILLE, NORTH CAROLINA  
28801-2723



**MARCH 1992**

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#### PREFACE

EFFECTIVE 1 JULY 1988, THE SURFACE OBSERVATION CLIMATIC SUMMARIES (SOCS) REPLACED TWO OTHER USAFETAC PRODUCTS OF LONG STANDING: THE RUSSWO (REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS) AND LISOCS (LIMITED SURFACE OBSERVATION CLIMATIC SUMMARY). RUSSWOS AND LISOCS NOW IN EXISTENCE WILL CONTINUE TO BE USED UNTIL THEY ARE EVENTUALLY REPLACED BY SOCS.

THIS PRODUCT HAS BEEN ISSUED IN OTHER FORMS UNDER SEVERAL OTHER NAMES. IT WAS INTRODUCED IN THE EARLY 1940'S AS THE "SPCSUM," OR "SURFACE SUMMARY." THE ORIGINAL "USSWO," OR "UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS," DEBUTED IN 1946. THE USSWO GRADUALLY EVOLVED INTO THE "RUSSWO" AND THE "LISOCS." IT FINALLY BECAME THE NEW "SURFACE OBSERVATION CLIMATIC SUMMARIES" OR "SOCS" IN JULY 1988.

THE SOCS (LIKE ITS PREDECESSORS) IS PREPARED BY USAFETAC'S OPERATING LOCATION A AT ASHEVILLE, NC 28801-2723. HERE, CLIMATOLOGISTS USE STATE-OF-THE-ART COMPUTER TECHNOLOGY TO SUMMARIZE WEATHER OBSERVATIONS COLLECTED FROM SELECTED MILITARY, CIVILIAN, AND FOREIGN REPORTING STATIONS. SUMMARIES ARE PREPARED FROM DATA THAT HAS BEEN COLLECTED, QUALITY-CONTROLLED, AND STORED IN OL-A'S WORLDWIDE SURFACE WEATHER OBSERVATION DATABASE.

ALTHOUGH PREVIOUS VERSIONS OF THIS PRODUCT ONLY OFFERED SIX PARTS, SOCS PROVIDES EIGHT (A-H). THE ADDITIONS ARE THE CROSSWIND AND HEATING-COOLING DEGREE DAY SUMMARIES. PRECEDING EACH PART IS A BRIEF DISCUSSION OF THAT PARTICULAR PART, A DESCRIPTION OF THE DATA, AND AN EXPLANATION OF HOW THE DATA IS PRESENTED.



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\*\*\* NOTE: THE AWS CLIMATIC BRIEF IS ATTACHED AT THE END OF THE SOCS \*\*\*

## INTRODUCTION

### STATION PERIOD OF RECORD.

HOURLY DATA: OCT 81 - SEP 91 (AIRWAYS). \*\*MOST OF THE HOURLY DATA WAS ON A PART TIME BASIS. REFERENCE THE SUMMARY OF DAY PERIODS OF RECORDS BELOW.\*\*

SUMMARY OF DAY DATA: APR 61 - JUN 70, FEB 90 - OCT 90, MAY 91 - SEP 91 (FULL TIME).

SUMMARY OF DAY DATA: NOV 60 - MAR 61, JUL 70 - JAN 90, NOV 90 - APR 91 (PART TIME).

HOURS SUMMARIZED: 0000 LST THROUGH 2300 LST.

DATA SOURCES. THESE SUMMARIES ARE COMPILED FROM "HOURLY OBSERVATIONS" AND/OR SUMMARY OF DAY DATA," DEPENDING ON THE PHENOMENA OR OCCURRENCE BEING SUMMARIZED. THE TWO SOURCES ARE DEFINED IN "TERMS EXPLAINED."

### TERMS EXPLAINED:

BIVARIATE DISTRIBUTION: A BIVARIATE DISTRIBUTION GIVES THE JOINT DISTRIBUTIONS OF TWO RELATED VARIABLES. AN EXAMPLE IS THE BIVARIATE DISTRIBUTION OF CEILING AND VISIBILITIES IN PART D. EACH ROW AND EACH COLUMN OF A BIVARIATE DISTRIBUTION IS A FREQUENCY DISTRIBUTION. JOINT FREQUENCIES ARE FOUND AT THE ROW-COLUMN INTERSECTIONS.

HOURLY OBSERVATIONS: ALL RECORD OR RECORD-SPECIAL OBSERVATIONS ON AWS FORMS 10/10A (OR EQUIVALENT) AT SCHEDULED HOURLY INTERVALS.

SUMMARY OF DAY (SOD) DATA: DATA COMPILED FROM ALL AVAILABLE OBSERVATIONAL SOURCES, INCLUDING HOURLY OBSERVATIONS, SPECIAL OBSERVATIONS, REMARKS, AND ACTUAL "SUMMARY OF DAY" DATA RECORDED IN COLUMNS 44-73 OF AWS FORMS 10/10A (OR EQUIVALENT) FOR ANY GIVEN DAY. NOTE: EXTREMES OCCURRING DURING NON-OPERATIONAL HOURS AND/OR DAYS ARE NOT REFLECTED IN THESE SUMMARIES.

MEAN: THE SUM OF ALL THE VALUES DIVIDED BY THE NUMBER OF VALUES.

MEASURABLE AMOUNT: ANY PRECIPITATION OR SNOWFALL AMOUNT GREATER THAN A TRACE.

MEDIAN: THE MIDDLE VALUE WHEN THE VALUES ARE IN ASCENDING ORDER. IF THE NUMBER OF VALUES IS EVEN, THE MEDIAN IS HALFWAY BETWEEN THE TWO MIDDLE VALUES.

PERCENT OCCURRENCE FREQUENCY (POF): IN STATISTICS, FREQUENCY IS THE NUMBER OF TIMES A GIVEN COUNT OR EVENT OCCURS. IN THE SOCS, THIS IS EXPRESSED AS THE PERCENT OCCURRENCE FREQUENCY (POF), WHERE THE FREQUENCY (NUMBER OF OCCURRENCES) IS GIVEN AS A PERCENT OF ALL POSSIBLE OCCURRENCES IN THE SAMPLE (PERIOD SUMMARIZED). FOR EXAMPLE, IF SNOW FELL ON 5 OUT OF 100 DAYS WE COULD EXPRESS THE "PERCENT OCCURRENCE FREQUENCY" OF SNOW AS 5 PERCENT OVER THE 100-DAY PERIOD. MAY BE USED INTERCHANGEABLY WITH "PERCENT FREQUENCY OF OCCURRENCE."

PERIOD OF RECORD: THE SIZE OF THE OBSERVATIONAL DATA SAMPLE, IN YEARS.

**PRECIPITATION:** A TERM THAT INCLUDES BOTH LIQUID PRECIPITATION AND WATER EQUIVALENT.

**STANDARD DEVIATION:** A MEASURE OF DISPERSION ON THE VARIABILITY OF THE QUANTITY CONCERNED ABOUT ITS ARITHMETIC MEAN. THE LARGER THE STANDARD DEVIATION, THE GREATER THE VARIABILITY.

**TIME CONVENTIONS:** ALL TIMES IN THE SOCS ARE EXPRESSED IN LOCAL STANDARD TIME (LST). USERS SHOULD MAKE ADJUSTMENTS FOR DAYLIGHT SAVING TIMES IN THEIR AREAS. IN SUMMARIES THAT SHOW DIURNAL VARIATIONS, THE DATA IS SUMMARIZED USING THE FOLLOWING STANDARD 3-HOUR PERIODS (ALL LST):

0000-0200	1200-1400
0300-0500	1500-1700
0600-0800	1800-2000
0900-1100	2100-2300

**NOTE 1.** DURING PART TIME PERIODS, THE FIRST AND LAST 3-HOUR PERIODS MAY HAVE SIGNIFICANT SHORTFALLS IN OBSERVATION COUNTS.

**ABBREVIATIONS USED:**

AMT	AMOUNT	LT	LESS THAN
ANN	ANNUAL	M	METER
BARO	BAROMETER	MB	MILLIBAR
C	CENTIGRADE (CELSIUS)	MPS	METERS PER SECOND
DEG	DEGREE	MSL	MEAN SEA LEVEL
DB	DRY BULB TEMPERATURE	MEAS	MEASURABLE
DP	DEW POINT TEMPERATURE	NO.	NUMBER
EQ	EQUAL	OBS	OBSERVATION
F	FARRENHEIT	OBST	OBSTRUCTION
FRZG	FREEZING	POF	PERCENT OCCURRENCE FREQUENCY
FT	FEET	PRECIP	PRECIPITATION
GE	GREATER THAN OR EQUAL TO	SD	STANDARD DEVIATION
GMT	GREENWICH MEAN TIME	SOD	SUMMARY OF DAY
GT	GREATER THAN	TEMP	TEMPERATURE
HG	INCHES OF MERCURY	TSIM	THUNDERSTORM
HT	HEIGHT	VSBY	VISIBILITY
KTS	KNOTS	VSN	VISION
LE	LESS THAN OR EQUAL TO	WB	WET BULB TEMPERATURE
LST	LOCAL STANDARD TIME	WEAN	AWS FORM 10/10A
		UTC	*COORDINATED UNIVERSAL TIME

**SUMMARY DESCRIPTION:** A BRIEF DESCRIPTION OF THE DATA PRECEDES EACH PART IN THE SOCS.

\* UTC REPLACED GMT ON 1 AUGUST 1988

**NOTE:** OL-A/USAFETAC DERIVES STATION LATITUDE/LONGITUDE COORDINATES AND AIRFIELD ELEVATION DATA FROM THE AWS MASTER STATION CATALOG. THIS INFORMATION IS PRESENTED ON THE AWS CLIMATIC BRIEF FOR EACH STATION. THE STATION DATA MAY DIFFER FROM INFORMATION CONTAINED IN THE SOCS STATION HISTORY (DATA SUPPLIED BY AWS UNITS). THE STATION DATA MAY ALSO VARY FROM DATA PRESENTED IN DOD FLIGHT INFORMATION PUBLICATIONS (FLIP).





PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	AAAAAA
PPPPPPPPPP	AAAAAAAA	RRRRRRRRRR	TTTTTTTTTTT	AAAAAAAA
PP PP	AA AA	RR RR	TT	AA AA
PP PP	AA AA	RR RR	TT	AA AA
PPPPPPPPPP	AA AA	RRRRRRRRRR	TT	AA AA
PPPPPPPPPP	AAAAAAAAAA	RRRRRRRRRR	TT	AAAAAAAAAA
PP	AAAAAAAAAA	RR RR	TT	AAAAAAAAAA
PP	AA AA	RR RR	TT	AA AA
PP	AA AA	RR RR	TT	AA AA
PP	AA AA	RR RR	TT	AA AA

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PART A

ATMOSPHERIC PHENOMENA SUMMARIES

THIS PART SUMMARIZES SPECIFIED ATMOSPHERIC PHENOMENA IN CATEGORIES AS FOLLOWS:

THUNDERSTORMS: ALL REPORTED OCCURRENCES OF THUNDERSTORMS, TORNADOES, AND WATERSPOUTS.

LIQUID PRECIPITATION: RAIN OR DRIZZLE FALLING TO THE GROUND BUT NOT FREEZING.

FREEZING PRECIPITATION: FREEZING RAIN OR FREEZING DRIZZLE (GLAZE).

FROZEN PRECIPITATION: SNOW, SNOW PELLETS, SLEET, SNOW GRAINS, ICE CRYSTALS, ICE PELLETS. IN JANUARY 1968, SNOW PELLETS BECAME KNOWN AS SMALL HAIL.

HAIL: ALL OCCURRENCES OF HAIL.

ALL PRECIPITATION: INCLUDES ALL OBSERVATIONS REPORTING PRECIPITATION. BECAUSE MORE THAN ONE TYPE OF PRECIPITATION MAY BE INCLUDED IN THE SAME OBSERVATION, THE SUM OF PERCENTAGES IN THE INDIVIDUAL CATEGORIES MAY EXCEED THE PERCENTAGES IN THIS CATEGORY.

FOG: INCLUDES ALL REPORTED FOG, ICE FOG, AND GROUND FOG.

SMOKE AND/OR HAZE: SMOKE, HAZE, OR COMBINATIONS OF THE TWO.

BLOWING SNOW: ALL REPORTS OF BLOWING SNOW, INCLUDING DRIFTING SNOW, WHEN REPORTED.

DUST AND/OR SAND: DUST, SAND, BLOWING DUST, BLOWING SAND, OR COMBINATIONS OF THESE.

BLOWING SPRAY: THE "ALL OBSTRUCTIONS TO VISION" CATEGORY ACCOUNTS FOR BLOWING SPRAY, IF AND AS REPORTED.

ALL OBSTRUCTIONS TO VISION: THIS CATEGORY INCLUDES ALL REPORTS OF OBSTRUCTIONS TO VISION. SINCE THE OCCURRENCE OF MORE THAN ONE OBSTRUCTION TO VISION MAY BE REPORTED IN THE SAME OBSERVATION, THE SUM OF THE PERCENTAGES IN THE INDIVIDUAL CATEGORIES MAY EXCEED THE PERCENTAGES IN THIS CATEGORY.

SPECIFIED PHENOMENA--PERCENT OCCURRENCE FREQUENCY.

THESE TABLES GIVE THE PERCENT OCCURRENCE FREQUENCY (POF) FOR THE ATMOSPHERIC PHENOMENA SHOWN. THE DATA WAS TAKEN FROM HOURLY OBSERVATIONS ONLY, AND IS SUMMARIZED AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).



SPECIFIED PHENOMENA--PERCENT OCCURRENCE FREQUENCY (POF).

THIS TABLE IS THE ONLY ONE IN PART A THAT IS PRODUCED FROM SUMMARY OF DAY DATA. DATA IS SUMMARIZED MONTHLY AND ANNUALLY FOR ALL YEARS COMBINED.

THUNDERSTORMS--PERCENT OCCURRENCE FREQUENCY.

THIS TABLE GIVES THE PERCENT OCCURRENCE FREQUENCY OF THUNDERSTORMS REPORTED ON THE HOURLY OBSERVATION. DATA IS SUMMARIZED SAME AS FOR FIRST TABLE IN THIS PART.

SPECIFIED PHENOMENA VS WIND DIRECTION--PERCENT OCCURRENCE FREQUENCY.

THESE TABLES INCLUDE SUMMARY OF MONTH FOR ALL HOURS AND YEARS COMBINED. WIND DIRECTION CATEGORIES ARE AS SPECIFIED BY THE LOCAL WEATHER STATION.

NOTE 1: REPORTING PRACTICES HAVE CHANGED WITH TIME. METAR AND SYNOPTIC REPORTING STATIONS RECORD (ON AWS FORMS 10/10A) AND TRANSMIT LONGLINE ONLY THE HIGHEST ORDER ATMOSPHERIC PHENOMENA THAT AFFECTS VISIBILITY. METAR STATIONS STARTED THIS PROCEDURE IN JANUARY 1968, BUT SYNOPTIC STATIONS ALWAYS DID IT THAT WAY. IN JANUARY 1970, METAR STATIONS STARTED RECORDING ALL ATMOSPHERIC PHENOMENA THAT AFFECTED VISIBILITY, BUT CONTINUED TO TRANSMIT ONLY THE HIGHEST ORDER. FOR EXAMPLE, IF THE RECORDED OBSERVATION INCLUDED RAIN, FOG AND HAZE, ONLY THE RAIN WAS TRANSMITTED. BECAUSE OF THESE PROCEDURES, THE USAFETAC DATABASE WOULD SHOW ONLY RAIN AS AN OBSTRUCTION. THEREFORE, THE OBSTRUCTION TO VISION (AND TO A LESSER EXTENT, PRECIPITATION) SUMMARIES FOR METAR AND SYNOPTIC STATIONS ARE HIGHLY QUESTIONABLE.

NOTE 2: FOREIGN METAR REPORTING STATIONS FREQUENTLY DO NOT TRANSMIT OBSTRUCTIONS TO VISION WHEN VISIBILITIES EXCEED 1000 METERS.

NOTE 3: A VALUE OF ".0" IN ANY SUMMARY REPRESENTS ONE OR MORE OCCURRENCES THAT, IN AGGREGATE, AMOUNT TO LESS THAN .05 PERCENT.

NOTE 4: DURING PART TIME PERIODS, THESE TABLES MAY NOT ACCURATELY REFLECT NIGHTTIME AND/OR WEEKEND OCCURRENCES OF CERTAIN PHENOMENA.

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JAN

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	OG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02	.9	8.0	1.1	.5		9.6	13.8	.2			23.6	436
03-05	1.6	10.1	.7	.7	.2	11.7	15.4				27.1	435
06-08	.7	12.1	.9	1.0		14.0	21.6	.1			35.7	680
09-11	.6	11.2	.5	.9		12.6	22.3	2.5			37.4	645
12-14	.5	9.6		1.6		11.2	12.9	.8			24.8	645
15-17	.2	7.9	.2	.9		9.0	9.7	.3			19.0	648
18-20	.2	8.0	.6	.6		9.3	8.8	1.1	.5	.2	19.8	646
21-23	.3	8.7	.7	1.4		10.8	11.7	1.0	.3	.2	24.1	573
ALL HOURS	.6	9.5	.6	1.0	.0	11.1	14.6	.8	.1	.0	26.6	4708

MONTH: FEB

00-02		12.9	.2	.2		13.3	18.2				31.5	451
03-05	.9	15.6	.7	.2		16.5	21.2			.2	37.9	448
06-08	1.1	12.2	.9		.2	13.3	23.5	.2			37.0	654
09-11	1.0	10.8	.5	.3		11.6	24.8	.7			37.0	613
12-14	.5	9.4	.3	1.5		11.2	14.0	.3			25.6	614
15-17	.3	9.0		.8		9.8	11.9	.3			22.1	611
18-20	.2	8.8		.8		9.6	13.1	.7		.2	23.5	612
21-23	.5	10.5		.5		11.0	12.6	.2			23.8	555
ALL HOURS	.6	10.9	.3	.6	.0	11.9	17.4	.3		.0	29.6	4558

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OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: MAR

HOURS (LST)	TSDMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	RAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02	1.0	8.6				8.6	9.6	.2			18.4	490
03-05	1.0	11.0				11.0	12.7			.2	23.9	489
06-08	1.6	11.2		.1		11.3	22.1	.7		.4	34.5	733
09-11	1.7	10.2		.3	.1	10.6	18.0	.3		.4	29.4	688
12-14	.9	6.9				6.9	7.1	.3		.4	14.7	686
15-17	.4	6.0				6.0	5.7	.7		.7	13.1	685
18-20	.4	6.0				6.0	7.0	.9		.4	14.3	687
21-23	1.0	5.8				5.8	7.0	.6		.3	13.8	616
ALL HOURS	1.0	8.1		.1	.0	8.2	11.3	.5		.4	20.4	5074

MONTH: APR

00-02	.8	4.4				4.4	8.4	.2			13.0	478
03-05	1.2	7.2				7.2	12.3				19.4	489
06-08	1.1	8.0				8.0	24.3	.6			32.9	696
09-11	1.6	8.5				8.5	13.6	2.5		.3	25.0	667
12-14	.9	4.6				4.6	6.4	1.3		.1	12.6	668
15-17	1.5	3.7				3.7	2.5	.9		.1	7.3	668
18-20	1.5	4.2				4.2	3.3	1.8			9.3	669
21-23	2.0	4.1				4.1	5.1	.8		.2	10.3	604
ALL HOURS	1.4	5.6				5.6	9.6	1.1		.1	16.4	4939

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OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: BOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: MAY

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02	4.2	6.4				6.4	6.6	1.4			14.5	498
03-05	4.8	8.1				8.1	11.2	1.6			20.9	579
06-08	3.4	10.2				10.2	29.5	2.8			42.5	715
09-11	1.6	6.2				6.2	11.6	3.3			21.1	698
12-14	2.9	5.9				5.9	3.6	2.9			12.4	695
15-17	2.0	4.7				4.7	2.6	1.9			9.2	698
18-20	3.0	5.2				5.2	3.6	.6			9.3	698
21-23	2.5	4.1				4.1	3.9	1.1			9.0	565
ALL HOURS	3.0	6.4				6.4	9.3	2.0			17.7	5146

MONTH: JUN

00-02	1.6	6.7				6.7	2.7	.4			9.8	489
03-05	2.8	6.8				6.8	5.9	.5			13.3	573
06-08	2.8	7.0				7.0	12.5	3.1			22.6	711
09-11	1.0	4.8				4.8	2.9	2.3			10.0	691
12-14	1.0	3.5				3.5	.9	1.2			5.5	692
15-17	3.0	4.7				4.7	.7	1.3			6.8	696
18-20	2.2	4.3				4.3	.9	.6			5.8	695
21-23	3.9	5.0				5.0	.7	.7			6.4	559
ALL HOURS	2.3	5.3				5.3	3.5	1.3			10.1	5106

A - 2 - 3

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JUL

HOURS (LST)	TSMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02	.4	1.4				1.4	.7				2.2	555
03-05	.3	1.5				1.5	3.7	.3			5.5	614
06-08	1.3	3.1				3.1	12.3	1.8			17.3	707
09-11	.3	2.0				2.0	2.6	2.5			7.1	686
12-14	.7	3.8				3.8	.9	1.3			6.0	687
15-17	2.8	3.9				3.9	.4	1.0			5.4	687
18-20	2.2	3.0				3.0	.6	1.2			4.8	689
21-23	.2	1.3				1.3	.3	.2			1.8	607
ALL HOURS	1.1	2.6				2.6	2.8	1.1			6.5	5232

MONTH: AUG

00-02	.3	1.2				1.2	1.7				2.9	586
03-05	.3	1.7				1.7	2.8	.2			4.6	646
06-08	.3	2.6				2.6	9.4	1.8			13.7	742
09-11	.8	2.2				2.2	1.7	2.1			6.0	716
12-14	.6	2.5				2.5		1.7			4.2	718
15-17	2.8	3.6				3.6	.1	1.7			5.5	715
18-20	3.2	4.3				4.3	1.1	1.3			6.7	717
21-23	.8	1.1				1.1	1.1	.2			2.4	629
ALL HOURS	1.2	2.5				2.5	2.3	1.2			5.9	5469

A - 2 - 4

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: SEP

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02	.4	2.5				2.5	1.7	.6			4.8	522
03-05	.7	4.0				4.0	7.4	.5			11.9	578
06-08	.9	4.0				4.0	16.5	2.0			22.5	683
09-11	.9	3.6				3.6	5.5	1.2			10.2	674
12-14	2.4	4.2				4.2	.6				4.8	668
15-17	2.7	5.2				5.2	.6	.6			6.4	672
18-20	3.3	4.0				4.0	1.2	.6			5.8	667
21-23	.9	4.1				4.1	.7	.5			5.4	579
ALL HOURS	1.6	4.0				4.0	4.4	.8			9.2	5043

MONTH: OCT

00-02	.6	5.4				5.4	8.8	.2			14.4	480
03-05	1.5	9.1				9.1	12.2				21.3	550
06-08	1.2	10.2				10.2	23.4	.7			34.4	684
09-11	.8	8.3				8.3	12.6	2.1			23.0	661
12-14	.8	7.5				7.5	5.9	2.1			15.5	664
15-17	.5	6.7				6.7	4.3	.9			11.9	658
18-20	1.2	7.1				7.1	6.1				13.2	661
21-23	.7	5.7				5.7	5.5	.6			11.7	545
ALL HOURS	.9	7.6				7.6	10.0	.9			18.5	4903

A - 2 - 5

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: NOV

HOURS (LST)	TSMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSM	TOTAL NO. OF OBS
00-02	1.3	11.4	.3			11.7	8.8				20.5	376
03-05	.5	11.2				11.2	15.7				26.9	375
06-08	1.0	8.7	.2			8.9	23.6	1.2			33.7	597
09-11	.5	7.1	.2			7.3	13.3	1.2			21.8	564
12-14	.4	4.1				4.1	3.5	.4			8.0	564
15-17	.7	6.3				6.3	3.7	.4			10.4	567
18-20	1.1	5.7		.2		5.9	5.0				10.9	562
21-23	.6	5.0	.4			5.3	4.4				9.7	505
ALL HOURS	.8	7.1	.1	.0		7.3	9.7	.4			17.4	4110

MONTH: DEC

00-02	.9	10.8	.3	.9		12.0	16.6				28.6	325
03-05		11.1		.3		11.4	18.2				29.6	324
06-08	.7	12.4	1.3	.5		14.2	22.7	.5			37.5	550
09-11	.5	10.3	1.4	.7		12.4	19.0	1.8		.5	33.7	563
12-14		10.0	.9	.4		11.3	12.7	.4			24.3	560
15-17	.4	8.9		1.1		10.0	11.2	.4			21.5	562
18-20	.9	10.8	.2	1.1		12.1	11.9	.2			24.1	555
21-23	.6	10.1	.4	.4		10.9	14.1				25.1	495
ALL HOURS	.5	10.5	.6	.7		11.8	15.6	.5		.1	28.0	3934

A - 2 - 6

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF VARIOUS ATMOSPHERIC PHENOMENA  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570      STATION NAME: HOOD AAF/KILLEEN TX      PERIOD OF RECORD: OCT 81 - SEP 91  
LST TO UTC: + 6      HOURS: ALL

MONTH	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
JAN	.6	9.5	.6	1.0	.0	11.1	14.6	.8	.1	.0	26.6	4708
FEB	.6	10.9	.3	.6	.0	11.9	17.4	.3		.0	29.6	4558
MAR	1.0	8.1		.1	.0	8.2	11.3	.5		.4	20.4	5074
APR	1.4	5.6				5.6	9.6	1.1		.1	16.4	4939
MAY	3.0	6.4				6.4	9.3	2.0			17.7	5146
JUN	2.3	5.3				5.3	3.5	1.3			10.1	5106
JUL	1.1	2.6				2.6	2.8	1.1			6.5	5232
AUG	1.2	2.5				2.5	2.3	1.2			5.9	5469
SEP	1.6	4.0				4.0	4.4	.8			9.2	5043
OCT	.9	7.6				7.6	10.0	.9			18.5	4903
NOV	.8	7.1	.1	.0		7.3	9.7	.4			17.4	4110
DEC	.5	10.5	.6	.7		11.8	15.6	.5		.1	28.0	3934
ANNUAL	1.3	6.5	.1	.2	.0	6.8	8.9	.9	.0	.1	16.7	58222



OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: +06

PERIOD OF RECORD: 6102-8412,8709-9109  
MONTH: ALL HOURS: ALL

MONTH	TSMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
JAN	4.2	35.4	4.2	2.9	.1	36.1	39.8	6.3	.3		48.5	693
FEB	5.1	34.0	2.2	4.0	.3	34.8	35.4	6.2	.3		46.2	647
MAR	10.6	33.6		1.2	1.4	34.0	35.4	9.6			44.7	738
APR	14.9	37.3			1.1	37.3	38.9	13.6		.1	51.5	723
MAY	19.9	40.3			1.8	40.3	44.5	15.6			60.5	735
JUN	17.2	29.8			.4	29.8	22.9	9.0			43.4	725
JUL	12.4	21.9			.1	21.9	14.3	6.8			29.6	693
AUG	15.0	26.9			.4	26.9	16.4	9.8			38.0	713
SEP	14.1	31.6				31.6	30.4	16.4			49.7	690
OCT	7.2	25.8		.1	.3	25.8	30.4	7.0			40.6	685
NOV	4.2	28.4	.2	1.1	.2	28.7	33.2	8.0			43.7	638
DEC	2.8	32.5	2.2	1.6	.3	32.9	34.1	7.1			43.4	633
ANNUAL	10.9	31.5	.7	.9	.6	31.7	31.3	9.7	.0	.0	45.1	8313

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF THUNDERSTORMS  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91

HOURLS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
00-02	.9		1.0	.8	4.2	1.6	.4	.3	.4	.6	1.3	.9
03-05	1.6	.9	1.0	1.2	4.8	2.8	.3	.3	.7	1.5	.5	
06-08	.7	1.1	1.6	1.1	3.4	2.8	1.3	.3	.9	1.2	1.0	.7
09-11	.6	1.0	1.7	1.6	1.6	1.0	.3	.8	.9	.8	.5	.5
12-14	.5	.5	.9	.9	2.9	1.0	.7	.6	2.4	.8	.4	
15-17	.2	.3	.4	1.5	2.0	3.0	2.8	2.8	2.7	.5	.7	.4
18-20	.2	.2	.4	1.5	3.0	2.2	2.2	3.2	3.3	1.2	1.1	.9
21-23	.3	.5	1.0	2.0	2.5	3.9	.2	.8	.9	.7	.6	.6
ALL HOURS	.6	.6	1.0	1.4	3.0	2.3	1.1	1.2	1.6	.9	.8	.5
TOTAL OBS	4708	4558	5074	4939	5146	5106	5232	5469	5043	4903	4110	3934

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA  
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JAN HOURS: ALL

PHENOMENA	CALM	VARIABLE	350 - 080	081 - 170	171 - 260	261 - 349	NO OF OBS
TSIMS	7.1		57.1	28.6	3.6	3.6	28
LIQUID PRECIP	4.2		56.2	20.0	8.5	11.1	425
FREEZING PRECIP			96.2		3.8		26
FROZEN PRECIP	4.5		56.8			38.6	44
FOG	6.8		48.4	24.1	12.1	8.6	688
FOG WITH VIS GE 1/2 MILES	4.7		52.5	22.1	11.3	9.4	575
TOTAL OBS	381	0	1485	919	1067	855	0 4707

MONTH: FEB HOURS: ALL

TSIMS	3.7		14.8	18.5	29.6	33.3	27
LIQUID PRECIP	2.9		58.7	21.2	7.3	9.9	477
FREEZING PRECIP			73.3			26.7	15
FROZEN PRECIP			92.6			7.4	27
FOG	5.4		49.7	25.6	9.5	9.7	792
FOG WITH VIS GE 1/2 MILES	5.5		49.4	24.8	9.6	10.8	711
TOTAL OBS	418	0	1617	987	800	735	0 4557

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA  
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: MAR HOURS: ALL

PHENOMENA	CALM	VARIABLE	350 - 080	081 - 170	171 - 260	261 - 349	NO OF OBS
TSDMS	13.5		32.7	11.5	23.1	19.2	52
LIQUID PRECIP	3.2		34.1	41.4	13.2	8.1	370
FREEZING PRECIP							
FROZEN PRECIP							
FOG	6.6		24.0	49.5	14.3	5.6	574
FOG WITH VIS GE 1/2 MILES	6.7		24.5	48.1	14.9	5.8	551
TOTAL OBS	302	0	1166	1623	1166	817	5074

MONTH: APR HOURS: ALL

TSDMS	1.5		32.8	37.3	19.4	9.0	67
LIQUID PRECIP	.9		30.3	51.5	14.3	3.0	231
FREEZING PRECIP							
FROZEN PRECIP							
FOG	3.4		18.8	53.3	22.4	2.1	473
FOG WITH VIS GE 1/2 MILES	3.3		19.4	52.3	23.0	2.0	453
TOTAL OBS	237	0	1096	1834	1188	583	4938

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA  
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: MAY HOURS: ALL

PHENOMENA	CALM	VARIABLE	350 - 080	081 - 170	171 - 260	261 - 349	NO OF OBS
TSTMS	2.6		21.6	47.1	9.8	19.0	153
LIQUID PRECIP	1.9		25.2	60.3	6.1	6.5	214
FREEZING PRECIP							
FROZEN PRECIP							
FOG	7.3		16.2	60.9	13.1	2.5	481
FOG WITH VIS GE 1/2 MILES	6.1		16.3	61.7	13.3	2.5	473
TOTAL OBS	252	0	971	2502	1084	336	5145

MONTH: JUN HOURS: ALL

TSTMS	2.6		32.8	33.6	12.1	19.0	116
LIQUID PRECIP	1.1		34.3	46.4	12.2	6.1	181
FREEZING PRECIP							
FROZEN PRECIP							
FOG	4.0		29.0	50.6	11.9	4.5	176
FOG WITH VIS GE 1/2 MILES	4.0		29.0	50.6	11.9	4.5	176
TOTAL OBS	362	0	822	2306	1403	211	5104

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA  
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JUL HOURS: ALL

PHENOMENA	CALM	VARIABLE	350 - 080	081 - 170	171 - 260	261 - 349	NO OF OBS
TSMS	1.8		34.5	29.1	25.5	9.1	55
LIQUID PRECIP	3.0		13.9	54.5	21.8	6.9	101
FREEZING PRECIP							
FROZEN PRECIP							
FOG	15.6		9.5	50.3	19.7	4.8	147
FOG WITH VIS GE 1/2 MILES	15.6		9.5	50.3	19.7	4.8	147
TOTAL OBS	410	0	492	2159	1976	192	5229

MONTH: AUG HOURS: ALL

TSMS	3.1		28.1	34.4	20.3	14.1	64
LIQUID PRECIP	3.8		39.0	22.9	18.1	16.2	105
FREEZING PRECIP							
FROZEN PRECIP							
FOG	15.9		34.9	26.2	13.5	9.5	126
FOG WITH VIS GE 1/2 MILES	15.9		34.9	26.2	13.5	9.5	126
TOTAL OBS	437	0	684	2183	1978	187	5469

A - 5 - 4

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA  
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: SEP HOURS: ALL

PHENOMENA	CALM	VARIABLE	350 - 080	081 - 170	171 - 260	261 - 349	NO OF OBS
TSMS	2.5		30.4	38.0	17.7	11.4	79
LIQUID PRECIP	4.0		54.4	21.5	12.8	7.4	149
FREEZING PRECIP							
FROZEN PRECIP							
FOG	17.1		31.1	35.6	12.2	4.1	222
FOG WITH VIS GE 1/2 MILES	17.0		31.2	35.8	11.9	4.1	218
TOTAL OBS	502	0	1206	1883	1176	276	5043

MONTH: OCT HOURS: ALL

TSMS	2.3		43.2	18.2	11.4	25.0	44
LIQUID PRECIP	1.8		57.1	30.7	6.0	4.5	336
FREEZING PRECIP							
FROZEN PRECIP							
FOG	11.1		36.1	41.2	7.4	4.3	488
FOG WITH VIS GE 1/2 MILES	10.9		34.4	44.6	5.8	4.4	433
TOTAL OBS	488	0	1301	1715	1072	325	4901

A - 5 - 5

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA  
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: NOV HOURS: ALL

PHENOMENA	CALM	VARIABLE	350 - 080	081 - 170	171 - 260	261 - 349	NO OF OBS
TSMS			51.6	16.1	9.7	22.6	31
LIQUID PRECIP	5.2		33.3	26.2	9.7	25.5	267
FREEZING PRECIP			100.0				5
FROZEN PRECIP			100.0				1
FOG	12.4		25.9	36.8	17.3	7.6	394
FOG WITH VIS GE 1/2 MILES	10.1		27.6	34.7	19.0	8.6	337
TOTAL OBS	367	0	1071	1080	995	596	0 4109

MONTH: DEC HOURS: ALL

TSMS	5.0		50.0	5.0	5.0	35.0	20
LIQUID PRECIP	7.2		56.7	24.6	3.2	8.2	402
FREEZING PRECIP	8.3		91.7				24
FROZEN PRECIP			68.2			31.8	22
FOG	9.9		42.6	33.0	7.3	7.2	615
FOG WITH VIS GE 1/2 MILES	8.7		47.0	29.2	7.7	7.5	496
TOTAL OBS	386	0	1348	826	665	707	0 3932

A - 5 - 6



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA  
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTHS: ALL

PHENOMENA	CALM	VARIABLE	350 - 080	081 - 170	171 - 260	261 - 349	NO OF OBS	
TSMS	3.4		32.1	32.2	15.4	17.0	736	
LIQUID PRECIP	3.5		45.3	32.4	9.4	9.4	3258	
FREEZING PRECIP	2.9		90.0		1.4	5.7	70	
FROZEN PRECIP	2.1		70.2			27.7	94	
FOG	8.3		33.8	39.1	12.6	6.2	5176	
FOG WITH VIS GE 1/2 MILES	7.6		34.2	38.9	12.8	6.5	4696	
TOTAL OBS	4542	0	13259	20017	14570	5820	0	58208

A - 5 - 7



PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTT	BBBBBBBBB
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTT	BBBBBBBBB
PP PP	AA AA	RR RR	TT	BB BB
PP PP	AA AA	RR RR	TT	BB BB
PPPPPPPP	AA AA	RRRRRRRR	TT	BBBBBBBBB
PPPPPPPP	AAAAAAAAA	RRRRRRRR	TT	BBBBBBBBB
PP	AAAAAAAAA	RR RR	TT	BB BB
PP	AA AA	RR RR	TT	BB BB
PP	AA AA	RR RR	TT	BBBBBBBBB
PP	AA AA	RR RR	TT	BBBBBBBBB

B - 1 - 1

## PART B

### PRECIPITATION, SNOWFALL, SNOW DEPTH SUMMARIES

ALL TABLES IN PART B ARE CREATED FROM SUMMARY OF DAY (SOD) DATA.

#### PERCENT OCCURRENCE FREQUENCY.

THESE TABLES GIVE THE PERCENT OCCURRENCE FREQUENCY OF PRECIPITATION, SNOWFALL AND SNOW DEPTH. DATA IS SUMMARIZED FOR ALL YEARS COMBINED. SUMMARIES INCLUDE THE PERCENT OF DAYS WITH MEASURABLE AMOUNTS, PERCENT OF DAYS WITH NO AMOUNTS, PERCENT OF DAYS WITH TRACES, AND PERCENT OF DAYS WITH SPECIFIED AMOUNTS. SUMMARIES ALSO PROVIDE AN OBSERVATION COUNT. A VALUE OF ".0" INDICATES ONE OR MORE OCCURRENCES THAT, IN AGGREGATE, AMOUNT TO LESS THAN .05 PERCENT.

#### MONTHLY TOTALS.

THESE TABLES GIVE THE TOTAL MONTHLY PRECIPITATION AND SNOWFALL RESPECTIVELY. THEY ARE SUMMARIZED BY MONTH FOR ALL YEARS. THE TABLES ALSO GIVE THE GREATEST AMOUNTS, LEAST AMOUNTS, MEAN, MEDIAN, STANDARD DEVIATIONS, AND TOTAL AVAILABLE OBSERVATIONS. AN ASTERISK (\*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS. INCOMPLETE MONTHS/YEARS ARE NOT INCLUDED IN STATISTICAL COMPUTATIONS. NOTE: LEAST AMOUNTS ARE DERIVED FROM COMPLETE MONTHS/YEARS ONLY. ".00" MEANS NO PRECIPITATION FOR THE MONTH, ".0" MEANS NO SNOWFALL FOR THE MONTH.

#### DAILY EXTREMES.

THESE TABLES GIVE THE MAXIMUM DAILY REPORTED AMOUNTS (BY INDIVIDUAL YEAR-MONTH) FOR PRECIPITATION, SNOWFALL, AND SNOW DEPTH, RESPECTIVELY. THEY SHOW THE GREATEST AMOUNTS FOR EACH MONTH AND THE TOTAL NUMBER OF AVAILABLE OBSERVATIONS FOR EACH MONTH AND YEAR. AN ASTERISK (\*) INDICATES A MONTH FOR WHICH LESS THAN 90% OF DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS. ".00" MEANS NO PRECIPITATION FOR THE MONTH, ".0" MEANS NO SNOWFALL FOR THE MONTH, AND "0" MEANS NO SNOW DEPTH FOR THE MONTH.

#### SNOWFALL/SNOW DEPTH--FIRST AND LAST DAYS OF OCCURRENCE BY SNOW YEAR.

THIS SUMMARY GIVES THE FIRST AND LAST OCCURRENCES OF SNOWFALL AND SNOW DEPTH FOR THE SNOW-YEAR DURING THE PERIOD OF RECORD. FOR THIS SUMMARY, THE SNOW-YEAR IS CONSIDERED TO RUN FROM 1 AUGUST TO 31 JULY. TABLES SUMMARIZE THE DATA BY SNOW-YEAR, BY MONTH, AND BY DAY. THE FIRST (OR LAST) ENTRY IN COLUMN 69 OF AWS FORMS 10/10A (OR EQUIVALENT) AS EITHER A TRACE OR A MEASURABLE AMOUNT DEFINES THE FIRST (OR LAST) SNOWFALL FOR THE YEAR. THE FIRST (OR LAST) ENTRY IN COLUMN 69 OTHER THAN ".0" OR "TRACE" DEFINES THE FIRST (OR LAST) MEASURABLE SNOWFALL. FINALLY, THE 1200 GMT ENTRY COLUMN 70 OF AWS FORM 10/10A (OR EQUIVALENT) DEFINES THE FIRST (OR LAST) OCCURRENCE OF SNOW DEPTH. THE LAST SNOW DEPTH IS CONSIDERED THE LAST SNOW MELT. THIS SUMMARY IS NOT PROVIDED WHEN NO SNOWFALL OCCURS DURING THE GIVEN PERIOD.

NOTE 1. IF THE MINIMUM AMOUNT RECORDED IN THE MONTHLY TOTALS OR DAILY EXTREMES IS A TRACE, THE WORD "TRACE" WILL APPEAR IN THE APPROPRIATE COLUMN.

NOTE 2. TABLES INCLUDE STATISTICAL DATA ONLY WHEN FIVE (5) OR MORE SETS OF COMPLETE MONTHS ARE AVAILABLE.

NOTE 3. THE OBSERVATION COUNTS OR THE STATION HISTORY MIGHT PROVIDE CLUES AS TO WHY CERTAIN DATA ARE MISSING. FOR EXAMPLE, ONLY A FEW MISSING OBSERVATIONS MIGHT IMPLY MISSING DATA BECAUSE OF EQUIPMENT MALFUNCTION, BUT MORE THAN SEVERAL MISSING OBSERVATIONS USUALLY MEANS THE STATION IS (OR HAS BEEN) CLOSED.

NOTE 4. IN DAILY AND MONTHLY AMOUNTS SUMMARIES, THE LAST ENTRY ON THE PAGE GIVES THE GREATEST AMOUNT FOR THE PERIOD OF RECORD.

NOTE 5. BEFORE JANUARY 1956, SNOWFALL OCCURRENCES IN THE SUMMARY OF DAY INCLUDED HAIL.

NOTE 6. SNOW DEPTH REPORTING TIMES FOR USAF, NAVY AND CIVIL STATIONS ARE AS FOLLOWS:

AIR FORCE		NAVY AND NATIONAL WEATHER SERVICE	
THROUGH 1945:	0800 LST	THROUGH JUN 1952:	0030 GMT
JAN 1946 TO MAY 1957:	1230 LST	JUN 1952 TO MAY 1957:	1230 GMT
JUN 1957 TO PRESENT:	1200 GMT	JUN 1957 TO PRESENT:	1200 GMT

NOTE 7. 24-HOUR PRECIPITATION (INCLUDING SNOWFALL AND SNOW DEPTH) VALUES DERIVED FROM PART TIME PERIODS MAY NOT REFLECT TRUE 24-HOUR AMOUNTS. RECORDED AMOUNTS FOLLOWING WEEKENDS AND/OR HOLIDAYS FREQUENTLY REPRESENT AMOUNTS MEASURED FOR PERIODS GREATER THAN 24 HOURS. IN ADDITION, 24-HOUR AMOUNTS MAY NOT REPRESENT THE STANDARD CLIMATOLOGICAL 24-HOUR "MIDNIGHT TO MIDNIGHT" AMOUNT. DATA FROM PART TIME PERIODS MAY NOT ACCURATELY REFLECT NIGHTTIME PRECIPITATION EVENTS.

CONVERSIONS:

- 1 INCH = 25.39998 MILLIMETERS
- 1 MILLIMETER = .03937 INCHES

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF PRECIPITATION IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: +06

PERIOD OF RECORD: 6102-8412,8709-9109  
MONTH: ALL HOURS: ALL

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
NONE	59.5	62.6	60.3	58.1	55.8	67.0	76.3	70.0	64.3	70.8	67.4	62.5	64.6
TRACE	14.6	12.9	12.9	16.6	14.8	11.0	7.5	11.5	10.5	9.1	10.4	14.0	12.1
.01	3.6	2.1	2.9	3.2	2.8	1.8	2.2	1.1	2.0	1.7	2.1	3.1	2.4
.02-.05	7.0	4.4	8.4	6.3	5.5	3.2	2.9	3.6	3.4	4.0	3.4	7.2	4.9
.06-.10	2.6	3.3	3.2	2.1	2.4	1.5	1.7	1.1	3.4	2.6	3.4	2.2	2.4
.11-.25	5.2	5.3	3.2	3.9	4.2	3.6	2.9	3.5	5.0	2.4	3.1	3.9	3.8
.26-.50	3.6	3.9	3.5	2.7	5.0	4.1	2.2	4.3	4.1	2.6	4.4	3.4	3.6
.51-1.00	2.2	3.6	3.6	4.2	4.6	4.5	1.8	2.5	4.0	2.4	3.1	2.5	3.3
1.01-2.50	1.6	1.7	2.1	2.5	4.3	2.7	2.0	2.4	2.7	3.6	2.6	1.2	2.5
2.51-5.00		.3		.1	.6	.6	.4		.7	.9	.2		.3
5.01-10.00				.1	.1			.1					.0
10.01-20.00													
OVER 20.00													
DAYS WITH MEAS AMTS	25.9	24.5	26.8	25.3	29.4	22.0	16.2	18.5	25.2	20.1	22.2	23.5	23.3
TOTAL NO. OF OBSERVATIONS	686	666	723	712	722	715	716	723	706	702	654	642	8367

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY PRECIPITATION AMOUNTS IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: +06

PERIOD OF RECORD: 6102-8412,8709-9109  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
61		5.30	2.12*	.21	1.25	4.45	4.18	1.37	6.72	1.38	3.92	1.20	32.10*
62	.61	1.51	1.22	4.42	3.57	6.32	.02	.45	2.36	5.21	1.91	1.46	29.06
63	.32	.98	.72	2.61	.98	1.43	.13	.74	1.27	3.29	2.95	2.41	17.83
64	2.56	1.16	2.01	1.61	2.20	2.63	.03	1.87	7.43	2.04	2.33	1.24	27.11
65	2.56	4.28	2.56	2.01	13.90	4.08	1.66	1.99	3.43	2.88	3.72	3.21	46.28
66	1.35	2.83	.99	5.27	1.21	.86	.07	4.24	5.71	.23	.14	.38	23.28
67	.36	.51	1.16	3.20	3.50	.05	.07	2.28	3.60	3.73	3.82	2.27	24.55
68	8.61	2.32	4.34	2.78	6.30	2.86	4.36	1.06	4.78	.52	4.60	.14	42.67
69	.61	2.73	3.32	7.06	1.82	.61	.29	6.94	1.98	4.41	1.70	3.17	34.64
70	1.35	4.51	3.99	1.08	5.90	2.88	.14*	.55*	3.77*	.53*	.04*	.33*	25.07*
71	TRACE*	.90*	.34*	2.06*	2.07*	1.21*	5.12*	1.37*	1.28*	4.56*	1.28*	2.30*	22.49*
72	2.35*	.33*	.28*	.70*	4.74*	4.12*	3.30*	2.87*	1.13*	4.05*	3.04*	1.57*	28.48*
73	4.47*	3.06*	2.44*	3.31*	1.81*	3.18*	8.44*	.74*	4.16*	5.56*	.15*	.55*	37.87*
74	2.33*	.77*	.91*	1.10*	3.23*	1.07*	2.27*	13.30*	5.55*	6.11*	1.93*	1.48*	40.05*
75	1.43*	3.85*	1.06*	1.31*	7.67*	3.13*	1.77*	2.30*	1.77*	3.57*	.74*	1.62*	30.22*
76	TRACE*	.26*	3.00*	4.79*	5.28*	4.94*	5.56*	.87*	4.27*	5.45*	.86*	3.63*	38.91*
77	1.48*	1.80*	2.73*	6.94*	1.66*	.50*	TRACE*	.60*	.59*	.32*	1.44*	.31*	18.37*
78	.89*	1.59*	.93*	.76*	2.48*	1.11*	.84*	2.21*	2.60*	1.46*	4.05*	.11*	19.03*
79	1.51*	2.48*	3.14*	.96*	8.85*	3.20*	2.30*	2.83*	1.39*	1.54*	.62*	2.23*	31.05*
80	1.16*	1.55*	1.67*	2.36*	5.18*	1.78*	.18*	TRACE*	3.54*	.37*	2.95*	.84*	21.58*
81	.70*	1.79*	2.45*	2.62*	3.96*	5.19*	1.41*	3.12*	2.43*	4.41*	.94*	.71*	29.73*
82	.50*	1.10*	1.79*	2.68*	3.97*	2.71*	1.02*	.08*	.43*	.66*	3.52*	.97*	19.43*
83	1.12*	3.42*	3.44*	.21*	7.26*	1.32*	1.32*	3.74*	.69*	.78*	1.60*	.51*	25.41*
84	1.20*	.17*	2.96*	.06*	1.35*	3.56*	1.67*	.04*	2.35*	10.07*	3.36*	1.62*	28.41*
87									1.85*	.30*	2.83*	3.53*	8.51*
88	.46	.55	3.00*	1.03*	1.91*	5.56*	.98	1.33*	.93*	1.51	.01*	.51*	17.78*
89	3.80*	2.85	2.14*	.45*	3.15*	5.15*	.55	3.66*	.09	1.57	.40*	.22*	24.03*
90	1.33	2.34	3.80	5.45	5.78	.39	2.37	.20	4.75	4.94	3.04*	.95*	35.34*
91	3.44	1.11	.89	2.63	4.88	5.00	2.22	1.82	5.05				27.04*

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY PRECIPITATION AMOUNTS IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: +06

PERIOD OF RECORD: 6102-8412,8709-9109  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
LEAST	.32	.51	.72	.21	.98	.05	.02	.20	.09	.23	.14	.14	17.83
GREATEST	8.61	5.30	4.34	7.06	13.90	6.32	8.44	13.30	7.43	10.07	4.60	3.63	46.28
MEAN	1.96	2.35	2.27	3.19	4.27	2.63	1.30	2.09	3.93	2.64	2.79	1.72	30.68
MEDIAN	1.34	2.33	2.01	2.71	3.54	2.75	.55	1.82	4.18	2.46	2.95	1.46	28.09
SD	2.324	1.516	1.383	1.999	3.604	2.025	1.558	1.949	2.222	1.689	1.401	1.116	9.824
TOTAL OBS	686	666	723	712	722	715	716	723	706	702	654	642	8367

THE GREATEST VALUE OF 13.90 OCCURRED ON 05/65

NOTE: \*THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

B - 2 - 2B



OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

EXTREME DAILY PRECIPITATION AMOUNTS IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: +06

PERIOD OF RECORD: 6102-8412,8709-9109  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
61		2.53	1.25*	.10	.86	1.02	1.28	.95	4.76	.94	1.50	.25	4.76*
62	.22	.78	1.07	1.71	2.50	1.47	.02	.28	1.02	2.76	.69	.49	2.76
63	.15	.67	.66	1.00	.36	.75	.12	.40	.81	3.07	.85	1.54	3.07
64	1.38	.36	.82	.67	1.49	1.41	.02	1.13	4.28	1.97	.98	1.07	4.28
65	1.96	1.20	1.53	.94	8.92	3.44	1.55	1.03	1.79	1.24	2.64	1.35	8.92
66	.37	.98	.93	1.36	.42	.54	.05	2.40	1.17	.21	.14	.17	2.40
67	.29	.44	.53	1.39	2.15	.05	.04	1.64	2.06	1.04	1.78	.75	2.15
68	2.25	.70	2.03	1.14	1.66	.62	1.53	1.00	3.47	.21	1.35	.08	3.47
69	.16	1.49	.96	2.66	1.06	.55	.28	1.95	.61	1.66	.93	1.94	2.66
70	.82	1.41	1.93	.76	1.96	1.57	.14*	.20*	1.94*	.30*	.04*	.33*	1.96*
71	TRACE*	.68*	.24*	1.32*	1.11*	.51*	1.82*	.54*	.67*	1.37*	1.05*	.79*	1.82*
72	.93*	.17*	.27*	.51*	2.10*	.97*	2.86*	.65*	.71*	1.97*	1.51*	1.19*	2.86*
73	1.29*	1.16*	1.07*	1.52*	.98*	.89*	4.16*	.47*	1.75*	2.27*	.07*	.42*	4.16*
74	.83*	.76*	.49*	.49*	2.28*	.66*	1.86*	5.65*	3.17*	4.74*	1.35*	.94*	5.65*
75	.65*	3.67*	.69*	.51*	1.95*	1.24*	.66*	1.22*	1.20*	1.64*	.66*	.85*	3.67*
76	TRACE*	.24*	1.94*	1.51*	2.65*	2.58*	2.02*	.81*	1.31*	2.90*	.80*	1.96*	2.90*
77	.43*	.97*	1.67*	5.54*	.53*	.31*	TRACE*	.23*	.25*	.19*	1.10*	.28*	5.54*
78	.36*	.53*	.65*	.63*	.84*	.54*	.54*	.81*	.62*	1.46*	2.01*	.08*	2.01*
79	1.12*	1.51*	.69*	.34*	2.52*	1.24*	1.26*	.68*	.89*	.82*	.60*	.85*	2.52*
80	.63*	1.01*	1.40*	1.29*	1.73*	1.03*	.15*	TRACE*	1.51*	.30*	1.22*	.76*	1.73*
81	.51*	.64*	.91*	1.85*	2.30*	2.95*	1.13*	2.44*	1.81*	1.58*	.49*	.37*	2.95*
82	.29*	.44*	.90*	1.20*	2.14*	.97*	.87*	.05*	.23*	.55*	1.99*	.51*	2.14*
83	.49*	1.41*	1.84*	.12*	3.43*	1.21*	.58*	2.01*	.29*	.41*	.48*	.26*	3.43*
84	.96*	.11*	1.00*	.06*	.93*	2.18*	1.67*	.04*	2.02*	2.85*	1.56*	1.01*	2.85*
87									.70*	.13*	1.13*	2.45*	2.45*
88	.24	.22	1.02*	.62*	.62*	3.52*	.50	.55*	.61*	1.38	.01*	.47*	3.52*
89	1.19*	1.06	1.69*	.41*	1.44*	2.02*	.55	1.30*	.09	1.41	.30*	.14*	2.02*
90	.40	.99	1.84	1.97	2.70	.37	.66	.20	1.68	2.97	1.56*	.53*	2.97*
91	1.13	.49	.47	1.22	2.11	2.05	1.51	1.25	2.69				2.69*

**EXTREME DAILY PRECIPITATION AMOUNTS IN INCHES  
FROM SUMMARY OF DAY DATA**

PERIOD OF RECORD: 6102-8412,8709-9109  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
GREATEST	2.25	3.67	2.03	5.54	8.92	3.52	4.16	5.65	4.76	4.74	2.64	2.45	8.92
TOTAL OBS	686	666	723	712	722	715	716	723	706	702	654	642	8367

THE GREATEST VALUE OF 8.92 OCCURRED ON 05/16/65

**NOTE: \*THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH**

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SNOWFALL IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: +06

PERIOD OF RECORD: 6102-8412,8709-9109  
MONTH: ALL HOURS: ALL

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
NONE	96.8	95.3	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	98.9	98.3	99.1
TRACE	2.3	3.3	1.1								.6	1.5	.7
0.1-0.4	.3	.2									.2		.0
0.5-1.4		.8	.1								.3		.1
1.5-2.4	.1	.2										.2	.0
2.5-3.4	.1												.0
3.5-4.4													
4.5-6.4	.3	.2											.0
6.5-10.4		.2											.0
10.5-15.4													
15.5-25.4													
25.5-50.4													
OVER 50.4													
DAYS WITH MEAS AMTS	.9	1.4	.1								.5	.2	.2
TOTAL NO. OF OBSERVATIONS	686	636	736	711	724	715	718	727	709	705	654	656	8377

B - 3 - 1

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY SNOWFALL AMOUNTS IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: +06

PERIOD OF RECORD: 6102-8412,8709-9109  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
61		.2*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2*
62	.1	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
63	TRACE	1.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	1.5	2.5
64	4.8	5.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	9.9
65	.0	2.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.2
66	2.0	8.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	10.2
67	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	TRACE
68	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	TRACE
69	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	TRACE
70	.2	.0	TRACE	.0	.0	.0	.0*	.0*	.0*	.0*	.0*	.0*	.2*
71	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*
72	TRACE*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	TRACE*	.0*	TRACE*
73	TRACE*	2.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	TRACE*	2.0*
74	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*
75	3.2*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	3.2*
76	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.8*	.0*	.8*
77	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*
78	TRACE*	TRACE*	TRACE*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	TRACE*
79	TRACE*	TRACE*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	TRACE*
80	TRACE*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	1.6*	.0*	1.6*
81	.0*	TRACE*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	TRACE*
82	5.0*	TRACE*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	5.0*
83	TRACE*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	TRACE*	TRACE*
84	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*
87									.0*	.0*	.0*	.0*	.0*
88	.0*	1.0	.0*	.0*	.0*	.0*	.0	.0*	.0*	.0	.0*	.0*	1.0*
89	.0*	TRACE	.0*	.0*	.0*	.0	.0	.0*	.0	.0	.0*	TRACE*	TRACE*
90	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0*	.0*	.0*
91	TRACE	.0*	.0	.0	.0	.0	.0	.0	.0				TRACE*

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY SNOWFALL AMOUNTS IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: +06

PERIOD OF RECORD: 6102-8412,8709-9109  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
LEAST	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
GREATEST	5.0	8.2	1.2	.0	.0	.0	.0	.0	.0	.0	1.6	1.5	10.2
MEAN	.6	1.4	.1	.0	.0	.0	.0	.0	.0	.0	TRACE	.2	3.2
MEDIAN	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	1.3
SD	1.500	2.599	.346	.000	.000	.000	.000	.000	.000	.000	.000	.500	4.387
TOTAL OBS	686	636	736	711	724	715	718	727	709	705	654	656	8377

THE GREATEST VALUE OF 8.2 OCCURRED ON 02/66

NOTE: \*THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

EXTREME DAILY SNOWFALL AMOUNTS IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722570

STATION NAME: BOOD AAF/KILLEEN TX  
LST TO UTC: +06

PERIOD OF RECORD: 6102-8412,8709-9109  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
61		.2*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2*
62	.1	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
63	TRACE	1.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	1.5	1.5
64	4.8	5.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	5.1
65	.0	2.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0
66	2.0	7.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	7.7
67	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	TRACE
68	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	TRACE
69	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	TRACE
70	.2	.0	TRACE	.0	.0	.0	.0*	.0*	.0*	.0*	.0*	.0*	.2*
71	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*
72	TRACE*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	TRACE*	.0*	TRACE*
73	TRACE*	1.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	TRACE*	1.0*
74	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*
75	3.2*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	3.2*
76	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.8*	.0*	.8*
77	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*
78	TRACE*	TRACE*	TRACE*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	TRACE*
79	TRACE*	TRACE*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	TRACE*
80	TRACE*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	1.2*	.0*	1.2*
81	.0*	TRACE*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	TRACE*
82	5.0*	TRACE*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	5.0*
83	TRACE*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	TRACE*	TRACE*
84	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*
87									.0*	.0*	.0*	.0*	.0*
88	.0*	1.0	.0*	.0*	.0*	.0*	.0	.0*	.0*	.0	.0*	.0*	1.0*
89	.0*	TRACE	.0*	.0*	.0*	.0	.0	.0*	.0	.0	.0*	TRACE*	TRACE*
90	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0*	.0*	.0*
91	TRACE	.0*	.0	.0	.0	.0	.0	.0	.0				TRACE*

**EXTREME DAILY SNOWFALL AMOUNTS IN INCHES**  
**FROM SUMMARY OF DAY DATA**

PERIOD OF RECORD: 6102-8412,8709-9109  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
GREATEST	5.0	7.7	1.2	.0	.0	.0	.0	.0	.0	.0	1.2	1.5	7.7
TOTAL OBS	686	636	736	711	724	715	718	727	709	705	654	656	8377

THE GREATEST VALUE OF 7.7 OCCURRED ON 02/22/66

NOTE: \*THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SNOW DEPTH IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: +06

PERIOD OF RECORD: 6011-8412,8709-9109  
MONTH: ALL HOURS: ALL

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
NONE	98.7	98.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.9	99.7	99.8
TRACE	.1	.3										.1	.0
1	.4	.3	.1									.1	.1
2	.4	.2									.1		.1
3	.1												.0
4-6	.1	.3											.0
7-12													
13-24													
25-36													
37-48													
49-60													
61-120													
OVER 120													
DAYS WITH MEAS AMTS	1.1	.8	.1								.1	.1	.2
TOTAL NO. OF OBSERVATIONS	717	661	737	712	725	715	718	729	709	708	685	688	8504

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OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

EXTREME DAILY SNOW DEPTH AMOUNTS IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: +06

PERIOD OF RECORD: 6011-8412,8709-9109  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
60											0	0	0*
61	1	TRACE	0	0	0	0	0	0	0	0	0	0	1
62	0	0	0	0	0	0	0	0	0	0	0	0	0
63	0	TRACE	0	0	0	0	0	0	0	0	0	1	1
64	4	5	0	0	0	0	0	0	0	0	0	0	5
65	0	2	1	0	0	0	0	0	0	0	0	0	2
66	1	5	0	0	0	0	0	0	0	0	0	0	5
67	0	0	0	0	0	0	0	0	0	0	0	0	0
68	0	0	0	0	0	0	0	0	0	0	0	0	0
69	0	0	0	0	0	0	0	0	0	0	0	0	0
70	0	0	0	0	0	0	0*	0*	0*	0*	0*	0*	0*
71	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*
72	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*
73	1*	1*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	1*
74	TRACE*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	TRACE*
75	2*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	2*
76	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*
77	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*
78	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*
79	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*
80	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	2*	0*	2*
81	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*
82	2*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	2*
83	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*
84	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*
87									0*	0*	0*	0*	0*
88	0*	1	0*	0*	0*	0*	0	0*	0*	0	0*	0*	1*
89	0*	0	0*	0*	0*	0	0	0*	0	0	0*	TRACE*	TRACE*
90	0	0	0	0	0	0	0	0	0	0	0*	0*	0*
91	0	0*	0	0	0	0	0	0	0				0*

**EXTREME DAILY SNOW DEPTH AMOUNTS IN INCHES  
FROM SUMMARY OF DAY DATA**

PERIOD OF RECORD: 6011-8412,8709-9109  
MONTH: ALL HOURS: ALL

[illegible]

THE GREATEST VALUE OF 5 OCCURRED ON 02/21/64

NOTE: \*THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

FIRST AND LAST DAYS OF OCCURRENCE BY SNOW-YEAR  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX

PERIOD OF RECORD: 6011-8412,8709-9109

SNOW-YEAR: 1 AUG - 31 JUL

SNOW-YEAR	FIRST SNOWFALL	FIRST MEASURABLE SNOWFALL	FIRST MEASURABLE SNOW DEPTH	LAST SNOWFALL	LAST MEASURABLE SNOWFALL	LAST MEASURABLE SNOW DEPTH
60 - 61	FEB 06	FEB 06	JAN 28	FEB 24	FEB 06	JAN 28
61 - 62	JAN 09	JAN 09		MAR 15	JAN 09	
62 - 63	JAN 19	FEB 11		MAR 05	FEB 11	
63 - 64	DEC 13	DEC 13	DEC 14	FEB 21	FEB 21	FEB 21
64 - 65	DEC 04	FEB 24	FEB 24	MAR 03	MAR 03	MAR 03
65 - 66	JAN 17	JAN 21	JAN 22	FEB 23	FEB 23	FEB 23
66 - 67	DEC 25			FEB 06		
67 - 68	NOV 28			MAR 21		
68 - 69	NOV 08			FEB 19		
69 - 70	NOV 18	JAN 02		MAR 21	JAN 02	
71 - 72	JAN 04			JAN 04		
72 - 73	NOV 29	FEB 08	JAN 12	FEB 09	FEB 09	FEB 09
73 - 74	DEC 19			DEC 19		
74 - 75	JAN 13	JAN 13	JAN 13	JAN 13	JAN 13	JAN 13
76 - 77	NOV 15	NOV 15		NOV 15	NOV 15	
77 - 78	JAN 03			MAR 03		
78 - 79	JAN 29			FEB 20		
79 - 80	JAN 31			JAN 31		
80 - 81	NOV 25	NOV 25	NOV 26	FEB 11	NOV 26	NOV 26
81 - 82	JAN 13	JAN 13	JAN 14	FEB 08	JAN 13	JAN 14
82 - 83	JAN 21			JAN 21		
83 - 84	DEC 16			DEC 22		

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OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

FIRST AND LAST DAYS OF OCCURRENCE BY SNOW-YEAR  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX

PERIOD OF RECORD: 6011-8412,8709-9109  
SNOW-YEAR: 1 AUG - 31 JUL

SNOW-YEAR	FIRST SNOWFALL	FIRST MEASURABLE SNOWFALL	FIRST MEASURABLE SNOW DEPTH	LAST SNOWFALL	LAST MEASURABLE SNOWFALL	LAST MEASURABLE SNOW DEPTH
87 - 88	FEB 04	FEB 11	FEB 11	FEB 11	FEB 11	FEB 11
88 - 89	FEB 05			FEB 05		
89 - 90	DEC 12			DEC 12		
90 - 91	JAN 21			JAN 21		

MEDIAN-DATE	JAN 03	JAN 13	JAN 14	FEB 10	FEB 06	FEB 09
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PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTT	CCCCC
PPPPPPPP	AAAAAAA	RRRRRRRRR	TTTTTTTTTT	CCCCCCCC
PP PP	AA AA	RR RR	TT	CC CC
PP PP	AA AA	RR RR	TT	CC
PPPPPPPP	AA AA	RRRRRRRRR	TT	CC
PPPPPPPP	AAAAAAAAA	RRRRRRRR	TT	CC
PP	AAAAAAAAA	RR RR	TT	CC
PP	AA AA	RR RR	TT	CC CC
PP	AA AA	RR RR	TT	CCCCCCCC
PP	AA AA	RR RR	TT	CCCCC

C - 1 - 1

PART C

SURFACE WIND SUMMARIES

PEAK WINDS.

THESE TABLES ARE CREATED FROM SUMMARY OF DAY DATA. SPEEDS ARE IN KNOTS. DIRECTIONS ARE TO 16 COMPASS POINTS FROM THE BEGINNING OF PERIOD OF RECORD THROUGH JUNE 1968, BUT IN JULY 1968, ALL STATIONS EXCEPT THOSE OF THE NATIONAL WEATHER SERVICE STARTED RECORDING DIRECTIONS IN TENS OF DEGREES. DATA IS SUMMARIZED BY MONTH FOR EACH YEAR FOR THE ENTIRE PERIOD OF RECORD AVAILABLE. GIVEN: THE GREATEST MONTHLY VALUE FOR ALL YEARS COMBINED, THE GREATEST YEARLY VALUE FOR ALL YEARS COMBINED, AND THE DATE OF THE ABSOLUTE PEAK WIND RECORDED FOR THE ENTIRE PERIOD OF RECORD. AN ASTERISK (\*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS.

PEAK WINDS--PERCENT OCCURRENCE FREQUENCY.

ALSO FROM SUMMARY OF DAY DATA. DATA IS SUMMARIZED BY MONTH, FOR ALL YEARS COMBINED, FOR ELEVEN WIND SPEED GROUPS. THE 1-4 KNOT SPEED GROUP INCLUDES CALM WINDS. IF THE PEAK WIND IS REPORTED FOR A PARTICULAR DAY AS "CALM," THAT COUNT GOES INTO THE "1-4 KNOT" CATEGORY. TABLES INCLUDE MEANS, MEDIANS, AND TOTAL OBSERVATION COUNTS. THE VALUES IN THIS SUMMARY ACCOUNT FOR A PEAK WIND BEING RECORDED FOR EACH DAY OF EACH MONTH.

WIND DIRECTION VS WIND SPEED--PERCENT OCCURRENCE FREQUENCY.

THESE TABLES ARE CREATED FROM HOURLY OBSERVATIONS. THEY SUMMARIZE THE DATA AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

THESE TABLES GIVE A BIVARIATE DISTRIBUTION OF THE PERCENT OCCURRENCE FREQUENCY (POF) FOR ELEVEN WIND SPEED GROUPS VERSUS TWELVE WIND DIRECTION SECTORS GIVEN IN 30 DEGREE INCREMENTS. "CALM" AND "VARIABLE" WINDS ARE GIVEN SEPARATELY. CARDINAL WIND DIRECTIONS (N,E,S,W) APPEAR FOR REFERENCE. TOTAL PERCENTAGES, MEANS, AND MEDIANS FOR EACH SECTOR, ALONG WITH TOTAL OBSERVATION COUNTS, ARE PRINTED BELOW EACH SUMMARY.

ALSO PROVIDED: A BIVARIATE DISTRIBUTION OF WIND DIRECTION VERSUS WIND SPEED FOR SPECIFIED CEILING/VISIBILITY CONDITIONS. THESE CONDITIONS ARE:

WHEN THE VISIBILITY IS GREATER THAN OR EQUAL TO 1/2 MILES (0800 METERS) THE CEILING MUST BE GREATER THAN OR EQUAL TO 200 FEET BUT LESS THAN 1500 FEET. IF THIS CONDITION IS NOT MET, THEN THE FOLLOWING CONDITION IS TESTED: WHEN THE CEILING IS GREATER THAN OR EQUAL TO 200 FEET, THE VISIBILITY MUST BE GREATER THAN OR EQUAL TO 1/2 (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS).

CONVERSION: 1 KNOT = .514791 METERS PER SECOND

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

PEAK SURFACE WINDS IN KNOTS  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: +06

PERIOD OF RECORD: 6103-8412,8709-9109  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
61			W *36	W 42	WNW 40	SW 41	NW 37	NNE 31	NE 48	NW 34	W 53	WSW 33	W *53
62	WNW 39	WNW 34	W 47	SE 34	SSW 37	S 42	SSW 30	ESE 29	NNE 29	S 50	NE 31	NNE 33	S 50
63	N 38	NE 51	N 38	NNW 45	SSE*30	SE *23	S *28	ESE 32	ENE 29	SSE 35	N 37	N 27	NE *51
64	WNW 34	W *33	*	W *43	E 29	W 30	NE 31	N 29	NNW 29	N 32	SSE 35	NNE 27	W *43
65	W 33	NW 33	NW 37	S 32	NNE 37	S 36	ENE 41	N 45	ESE 33	SE 29	NW 29	SSE 32	N 45
66	SSE 27	SSE 34	NNW 37	SE 31	N 30	S 29	N 24	SSE 26	N 38	NNE 37	SSE 34	NW 31	N 38
67	S *35	NNW 39	NW 32	WSW 35	W 51	SSE 31	SSE 33	NNE*30	N 32	NNW 37	NW *34	N *37	W *51
68	NNW*37	NNW 36	NW 34	N 38	N 34	NW 43	16/ 28	14/ 34	18/ 33	34/ 24	29/ 31	29/ 35	NW *43
69	36/ 34	20/ 32	27/ 37	35/ 33	27/ 52	15/ 47	13/ 34	06/ 33	34/ 32	16/ 29	10/ 36	35/ 32	27/ 52
70	34/ 35	21/ 35	05/ 34	33/ 36	15/ 32	31/ 35	14/*30	15/*40	20/*24	30/*37	36/*34	27/*46	27/*46
71	17/*33	35/*40	18/*35	36/*34	35/*47	18/*35	01/*31	34/*23	03/*27	24/*40	15/*29	28/*48	28/*48
72	34/*32	33/*30	05/*35	11/*29	28/*40	36/*32	13/*29	32/*32	02/*33	18/*27	31/*25	35/*38	28/*40
73	17/*39	34/*30	17/*30	27/*38	21/*30	25/*28	06/*46	17/*32	09/*36	32/*42	31/*41	20/*36	06/*46
74	19/*27	17/*41	19/*37	17/*32	15/*31	17/*36	06/*54	27/*36	34/*32	28/*50	22/*27	29/*23	06/*54
75	19/*34	01/*29	16/*35	20/*34	01/*41	13/*31	23/*27	18/*31	17/*24	36/*33	32/*41	23/*35	01/*41
76	33/*44	19/*34	20/*40	30/*52	03/*36	32/*46	10/*29	13/*25	29/*37	32/*33	36/*36	36/*41	30/*52
77	36/*46	29/*51	20/*38	33/*36	10/*49	19/*48	13/*35	04/*30	02/*32	36/*36	32/*36	20/*38	29/*51
78	33/*40	21/*23	24/*41	19/*30	02/*32	12/*24	34/*40	16/*26	09/*34	36/*27	34/*32	20/*32	24/*41
79	32/*46	35/*36	34/*37	29/*32	29/*41	17/*27	34/*30	07/*45	36/*24	36/*48	17/*33	33/*26	36/*48
80	36/*29	13/*37	33/*36	23/*46	34/*40	30/*39	33/*26	16/*34	18/*26	17/*33	32/*24	02/*33	23/*46
81	19/*26	35/*37	29/*32	18/*36	14/*21	28/*32	17/*22	30/*37	01/*34	17/*38	29/*29	35/*25	17/*38
82	33/*36	35/*27	36/*28	01/*31	15/*38	36/*35	04/*27	19/*25	19/*31	36/*30	05/*31	19/*32	15/*38
83	30/*29	29/*30	30/*37	34/*46	18/*26	21/*33	11/*30	34/*31	36/*33	36/*31	34/*53	34/*40	34/*53
84	35/*35	36/*44	34/*32	35/*34	01/*33	29/*32	35/*29	16/*27	35/*26	15/*29	33/*31	19/*29	36/*44
87									25/*26	18/ 29	29/ 46	30/*43	29/*46
88	28/ 30	36/ 35	33/ 37	34/ 35	29/ 31	26/ 31	09/*24	09/ 32	15/*27	14/*33	20/*35	18/*36	33/*37
89	03/*33	36/ 27	33/ 45	27/*36	36/ 85	34/ 44	08/*27	15/ 26	01/ 30	30/ 32	36/*38	01/*32	36/*85
90	16/ 42	30/ 61	18/ 44	34/ 36	35/ 35	04/ 35	18/ 32	32/ 32	22/ 35	01/ 36	32/*29	32/*32	30/*61
91	33/ 30	21/*24	31/ 40	19/ 30	16/ 47	13/ 42	04/ 34	16/ 28	36/ 36				16/*47

PEAK SURFACE WINDS IN KNOTS  
FROM SUMMARY OF DAY DATA

PERIOD OF RECORD: 6103-8412,8709-9109  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
GREATEST	36/ 46	30/ 61 W	47 30/ 52	36/ 85	19/ 48	06/ 54 N	45 NE	48 S	50 W	53	28/ 48	36/ 85	
TOTAL OBS	669	600	702	680	702	691	686	714	706	695	623	632	8100

THE PEAK WIND OF 85 FROM 36/ OCCURRED ON 05/13/89

NOTE: \*THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF DATA AVAILABLE FOR THE MONTH  
\$THE VALUE IS 100 OR GREATER WITH LESS THAN 90% OF DATA AVAILABLE FOR THE MONTH



OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF DAILY PEAK WINDS  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: +06

PERIOD OF RECORD: 6103-8412,8709-9109  
MONTH: ALL HOURS: ALL

MONTH	WIND SPEEDS IN KNOTS											MEAN WIND	MEDIAN WIND	TOTAL OBS
	CALM-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
JAN	.0	4.6	22.1	27.7	21.5	14.8	6.1	2.2	.9	.0	.0	19.6	19.0	669
FEB	.0	2.8	17.0	27.7	24.3	16.5	6.2	4.3	.7	.5	.0	20.9	20.0	600
MAR	.3	1.4	11.1	22.9	25.6	21.5	12.0	4.3	.9	.0	.0	22.5	22.0	702
APR	.0	.7	11.2	22.6	31.3	23.2	7.8	1.8	1.2	.1	.0	22.1	22.0	680
MAY	.0	.9	12.7	28.1	30.8	17.0	6.8	1.9	1.4	.3	.3	21.5	21.0	702
JUN	.3	2.0	19.7	29.5	27.1	12.6	4.9	2.6	1.3	.0	.0	19.9	19.0	691
JUL	.0	1.6	18.5	39.2	26.5	10.1	2.9	.4	.6	.1	.0	19.0	18.0	686
AUG	.1	3.2	23.8	36.3	24.4	7.7	3.6	.3	.6	.0	.0	18.2	18.0	714
SEP	.0	3.5	28.2	33.4	20.7	9.6	3.3	1.0	.3	.0	.0	18.0	17.0	706
OCT	.4	4.6	25.9	29.5	23.6	11.1	2.7	1.3	.6	.3	.0	18.4	18.0	695
NOV	.6	6.4	22.5	26.8	22.6	11.7	6.3	2.1	.6	.3	.0	19.0	18.0	623
DEC	.0	6.0	22.6	26.6	24.2	11.7	6.3	1.7	.8	.0	.0	19.2	18.0	632
ANNUAL	.1	3.1	19.6	29.3	25.3	13.9	5.7	2.0	.8	.1	.0	19.8	19.0	8100

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OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JAN HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.4	9.6	4.1	.7								18.8	7.3	7.0
020-040	1.8	4.1	3.7	.9	.2							10.8	8.7	9.0
050-070	.9	.2										1.1	4.2	4.0
(E) 080-100	1.4	.9										2.3	3.7	4.0
110-130	.9	1.1										2.1	4.6	5.0
140-160	3.7	4.4	.9	.2								9.2	5.6	5.0
(S) 170-190	5.7	7.3	3.7	.2								17.0	6.7	6.5
200-220	3.0	4.6	2.1	.2								9.9	6.7	6.0
230-250	1.6	.5										2.1	3.2	2.0
(W) 260-280	.7	.7										1.4	3.7	3.5
290-310	1.6	2.1										3.7	5.1	5.5
320-340	3.0	3.9	2.8	.5	.5							10.6	7.8	6.0
VARIABLE														
CALM	////////////////////											11.2	////////	
TOTALS	28.7	39.4	17.3	2.7	.7							100.0	6.0	6.0

TOTAL NUMBER OF OBSERVATIONS 436

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JAN HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.9	7.6	5.3	.9								17.7	8.1	8.0
020-040	2.8	4.1	3.9	.9								11.7	8.6	8.0
050-070	.7											.7	2.7	2.0
(E) 080-100	.7	.2										.9	4.5	3.5
110-130	1.8		.2									2.1	3.4	3.0
140-160	3.7	3.9	.9									8.5	5.7	5.0
(S) 170-190	3.9	6.2	2.1	.2	.7							13.1	7.3	6.0
200-220	3.0	6.0	.2									9.2	5.7	5.5
230-250	.5	.7										1.1	4.2	5.0
(W) 260-280	2.3	.9										3.2	3.6	3.5
290-310	3.4	1.6	.2									5.3	4.6	4.0
320-340	3.7	4.1	3.4	.7	.2							12.2	7.6	6.0
VARIABLE														
CALM	////////////////////											14.3	////////	
TOTALS	30.4	35.3	16.2	2.7	.9							100.0	5.9	6.0
TOTAL NUMBER OF OBSERVATIONS 435														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JAN HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.4	5.4	4.7	2.2	.1							16.9	8.3	8.0
020-040	2.1	4.6	2.5	.9								10.0	8.1	7.5
050-070	1.2	1.2		.1								2.5	4.6	5.0
(E) 080-100	.3	.7	.1									1.2	6.0	6.5
110-130	1.3	.4										1.8	3.5	3.5
140-160	3.2	2.6	.4									6.3	4.9	4.0
(S) 170-190	5.6	4.9	1.9	.6								12.9	6.3	6.0
200-220	3.1	2.6	.4									6.2	5.0	4.5
230-250	.6	1.0										1.6	4.3	5.0
(W) 260-280	1.8	1.3	.1									3.2	4.9	4.0
290-310	3.2	2.9	.9	.1								7.2	5.3	5.0
320-340	4.7	3.7	2.9	.6								11.9	6.7	5.0
VARIABLE														
CALM	////////////////////											18.2	////////	
TOTALS	31.5	31.3	13.9	4.5	.1							100.0	5.3	6.0

TOTAL NUMBER OF OBSERVATIONS 680

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JAN HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.4	6.4	5.0	1.6	.3							16.6	8.9	8.0
020-040	2.2	5.3	2.9	.8	.6							11.8	8.9	8.0
050-070	1.4	1.6	.8									3.7	5.9	6.0
(E) 080-100	1.2	1.2	.2									2.6	5.2	6.0
110-130	.6	1.6										2.2	5.1	5.0
140-160	2.0	3.4	1.4		.2							7.0	6.8	6.0
(S) 170-190	2.6	5.4	4.2	.5								12.7	7.6	7.0
200-220	2.9	3.6	3.6	.8	.2							11.0	7.8	7.0
230-250	1.1	2.0	.9									4.0	7.0	7.0
(W) 260-280	2.8	2.5	.5									5.7	5.1	5.0
290-310	1.6	3.4	.8	.2								5.9	6.7	6.0
320-340	2.3	4.3	2.5	1.7	.2							11.0	8.7	8.0
VARIABLE														
CALM	////////////////////////////////////											5.7	////////////////////////////////	
TOTALS	24.1	40.7	22.8	5.6	1.5							100.0	7.2	7.0

TOTAL NUMBER OF OBSERVATIONS 645

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OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: BOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JAN HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.6	6.5	4.8	1.7	.5							15.0	9.5	9.0
020-040	2.3	4.0	2.3	1.1	.2							9.9	8.2	6.5
050-070	1.9	2.9	.3									5.1	5.6	6.0
(E) 080-100	.6	1.2	.2									2.0	5.9	7.0
110-130	.9	1.2	.3									2.5	5.8	5.5
140-160	2.3	3.4	2.2	.2								8.1	7.5	7.5
(S) 170-190	1.9	4.8	5.9	1.2	.2							14.0	9.3	10.0
200-220	1.2	3.7	4.5	1.9								11.3	10.0	10.0
230-250	2.0	3.6	1.1	.2								6.8	6.9	6.5
(W) 260-280	1.4	2.2	2.2	.6								6.4	8.6	8.0
290-310	1.7	3.4	.8	.3								6.2	6.4	6.0
320-340	.8	4.5	3.4	1.4	.2							10.2	9.8	9.0
VARIABLE														
CALM	////////////////////											2.5	////////	
TOTALS	18.6	41.4	28.0	8.6	1.1							100.0	8.2	8.0

TOTAL NUMBER OF OBSERVATIONS 645

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JAN HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.2	5.7	4.5	1.5	.5							14.4	9.1	9.0
020-040	2.5	5.1	3.4	.8	.5							12.2	8.8	8.0
050-070	2.3	2.0	.2									4.5	4.7	4.0
(E) 080-100	1.1	1.7	.3									3.1	5.6	6.0
110-130	1.5	2.2	.2									3.9	5.2	5.0
140-160	1.4	5.4	1.5	.5								8.8	7.4	7.0
(S) 170-190	1.7	6.9	7.1	1.5								17.3	9.3	9.5
200-220	2.0	5.4	3.2	.9								11.6	8.3	8.0
230-250	1.9	1.2	1.1	.2								4.3	6.5	6.0
(W) 260-280	1.4	.9	.8	.3								3.4	7.0	5.5
290-310	1.2	.8	2.0	.3								4.3	8.4	10.0
320-340	1.9	2.9	5.4	1.1								11.3	9.4	10.0
VARIABLE														
CALM	////////////////////											1.1	////////	
TOTALS	21.1	40.2	29.7	7.1	1.0							100.0	8.1	8.0

TOTAL NUMBER OF OBSERVATIONS 648

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JAN HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.6	5.7	4.6	1.1	.6							15.6	8.8	8.0
020-040	2.9	5.6	2.9	1.2								12.7	8.1	8.0
050-070	2.2	2.2		.3								4.6	5.2	5.0
(E) 080-100	2.5	2.0										4.5	4.1	4.0
110-130	3.9	3.3										7.1	4.4	4.0
140-160	5.1	5.6	1.2	.2								12.1	5.7	5.0
(S) 170-190	5.1	10.1	2.8	.5								18.4	6.7	6.0
200-220	1.7	2.3	.2									4.2	5.4	5.0
230-250	.9	.6										1.5	4.5	3.5
(W) 260-280	2.0	.6	.2									2.8	4.1	4.0
290-310	1.1	1.7	.8									3.6	6.2	5.0
320-340	2.5	4.2	1.1									7.7	6.0	6.0
VARIABLE														
CALM	////////////////////											5.1	////////	
TOTALS	33.5	43.9	13.8	3.3	.6							100.0	6.2	6.0

TOTAL NUMBER OF OBSERVATIONS 646



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JAN HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.8	8.6	4.7	1.6	.3							18.0	8.3	8.0
020-040	2.4	3.7	2.8	.7								9.6	8.1	8.0
050-070	1.2	1.2	.3									2.8	5.4	5.0
(E) 080-100	1.2	1.2										2.4	4.8	4.5
110-130	3.0	1.0										4.0	3.7	3.0
140-160	5.6	4.5	1.2									11.4	5.1	5.0
(S) 170-190	7.2	7.9	4.7	.9								20.6	6.9	7.0
200-220	1.7	1.9	.9									4.5	6.3	5.0
230-250	1.2	.3	.5									2.1	5.7	4.0
(W) 260-280	1.6	.5	.2									2.3	4.3	3.0
290-310	1.9	2.3	.5									4.7	5.8	6.0
320-340	2.3	4.2	1.6		.2							8.2	6.6	6.0
VARIABLE														
CALM	////////////////////											9.3	////////	
TOTALS	32.1	37.3	17.4	3.2	.5							100.0	6.0	6.0

TOTAL NUMBER OF OBSERVATIONS 572

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JAN HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN	MEDIAN
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(W) 350-010	3.2	6.8	4.7	1.5	.3							16.5	8.6	8.0
020-040	2.4	4.6	3.0	.9	.2							11.1	8.4	8.0
050-070	1.5	1.5	.2	.1								3.3	5.2	5.0
(E) 080-100	1.1	1.2	.1									2.4	4.9	5.0
110-130	1.8	1.4	.1									3.3	4.5	4.0
140-160	3.3	4.1	1.3	.1	.0							8.9	6.1	6.0
(S) 170-190	4.1	6.6	4.1	.7	.1							15.7	7.5	7.0
200-220	2.3	3.7	2.0	.5	.0							8.4	7.4	7.0
230-250	1.2	1.3	.5	.0								3.1	6.0	5.0
(W) 260-280	1.8	1.3	.5	.1								3.7	5.8	5.0
290-310	1.9	2.3	.8	.1								5.2	6.1	6.0
320-340	2.6	4.0	2.9	.8	.1							10.3	7.9	7.0
VARIABLE														
CALM	////////////////////											8.1	////////	
TOTALS	27.2	38.8	20.2	4.8	.7							100.0	6.7	6.0

TOTAL NUMBER OF OBSERVATIONS 4707

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: BOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JAN HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).  
AND/OR  
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN	MEDIAN
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.2	7.7	10.2	1.9	.4							23.5	9.6	10.0
020-040	2.8	10.1	6.6	.7	.1							20.3	8.4	8.0
050-070	1.3	3.7	1.0									6.0	6.9	7.0
(NE) 080-100	1.3	3.1	.6									5.0	6.3	6.5
110-130	1.0	1.6										2.6	4.3	5.0
140-160	1.8	5.0	2.5	.1								9.4	7.5	7.0
(E) 170-190	2.8	7.7	4.1	.4	.3							15.4	8.2	8.0
200-220	.9	1.9	.6									3.4	6.4	6.0
230-250	.1	.6										.7	5.4	6.0
(W) 260-280	.4											.4	3.3	3.0
290-310	.9	.1										1.0	3.1	3.0
320-340	1.5	3.9	3.8	.6								9.8	8.8	9.0
VARIABLE														
CALM	////////////////////											2.5	////////////////	
TOTALS	18.0	45.4	29.4	3.7	.8							100.0	7.9	8.0

TOTAL NUMBER OF OBSERVATIONS 684

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: FEB HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(W) 350-010	1.8	8.0	4.9	2.2	.2							17.1	9.3	9.0
020-040	1.3	2.4	4.2	.2								8.2	8.9	10.0
050-070	1.6	2.7	.2									4.4	5.2	5.0
(E) 080-100	1.8	1.1										2.9	4.2	4.0
110-130	2.0	2.9	.4									5.3	5.2	5.0
140-160	4.0	2.4	1.1									7.5	5.1	4.0
(S) 170-190	4.9	6.2	3.8	.7								15.5	7.0	7.0
200-220	2.4	2.0	1.1									5.5	6.1	6.0
230-250	.4	1.6	.2									2.2	6.2	6.5
(W) 260-280	.7	.2	.2									1.1	4.8	2.0
290-310	2.0	2.9	.4									5.3	5.3	5.0
320-340	2.4	3.5	3.1	.2	.7							10.0	8.4	7.0
VARIABLE														
CALM	////////////////////////////////////											14.9	////////////////////////////////	
TOTALS	25.3	35.9	19.6	3.3	.9							100.0	6.1	6.0

TOTAL NUMBER OF OBSERVATIONS 451

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: FEB HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.2	8.7	7.1	1.6	.2							19.9	9.3	9.0
020-040	3.3	1.8	3.1	.4	.2							8.9	7.9	8.0
050-070	.4	1.6	.2									2.2	6.2	6.5
(E) 080-100	2.0	1.6										3.6	4.2	4.0
110-130	2.7	2.5	.2									5.4	4.9	4.5
140-160	2.9	3.8	.2									6.9	5.2	6.0
(S) 170-190	4.2	3.1	3.1	.7								11.2	6.9	6.0
200-220	2.0	2.7	.7									5.4	5.1	5.0
230-250	.4	1.6	.2									2.2	6.6	7.0
(W) 260-280	.7	.4										1.1	5.6	4.0
290-310	2.0	2.7	.2	.2	.2							5.4	6.2	5.0
320-340	2.0	6.3	3.6	.7	.2	.2						12.9	8.6	8.0
VARIABLE														
CALM	////////////////////											15.0	////////	
TOTALS	24.8	36.8	18.6	3.6	.8	.2						100.0	6.2	6.0

TOTAL NUMBER OF OBSERVATIONS 448

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: FEB HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.1	5.7	8.4	2.0	.5	.3						19.9	9.9	10.0
020-040	1.2	3.8	1.7	.2								6.9	7.2	7.0
050-070	1.7	2.6										4.3	5.2	5.5
(E) 080-100	1.4	1.4	.2									2.9	4.8	5.0
110-130	1.7	2.1	.2									4.0	5.0	5.0
140-160	4.3	3.2										7.5	4.5	4.0
(S) 170-190	5.4	3.5	2.1	.5								11.5	6.1	5.0
200-220	2.1	1.2		.2								3.5	4.5	4.0
230-250	1.2	1.1										2.3	4.0	4.0
(W) 260-280	.6	1.7	.5	.2								2.9	7.3	7.0
290-310	1.4	1.8	.8		.2							4.1	6.6	6.0
320-340	3.8	6.1	2.4	.8								13.1	7.3	7.5
VARIABLE														
CALM	////////////////////////////////////											17.1	////////////////////////////////	
TOTALS	27.9	34.2	16.3	3.9	.7	.3						100.0	5.8	6.0

TOTAL NUMBER OF OBSERVATIONS 654

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: FEB HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.8	5.7	7.0	2.6	.7	.2						17.9	10.5	10.0
020-040	1.6	6.0	2.8	1.0	.2							11.6	8.4	8.0
050-070	1.0	2.9	.3									4.2	5.9	6.0
(E) 080-100	1.5	2.0	.2									3.6	5.6	6.0
110-130	1.5	1.5	1.3									4.2	6.7	6.5
140-160	1.6	2.9	2.1									6.7	7.4	8.0
(S) 170-190	2.3	5.7	4.1	1.0								13.1	8.3	8.0
200-220	2.1	3.3	1.8	.3								7.5	7.0	7.0
230-250	1.6	1.5	1.0									4.1	6.3	7.0
(W) 260-280	1.0	2.3	2.1	.2								5.5	8.3	9.0
290-310	1.1	1.6	1.6	.2	.2							4.7	8.2	8.0
320-340	1.1	4.1	3.3	2.0	.3							10.8	10.3	10.0
VARIABLE														
CALM	////////////////////											6.0	////////	
TOTALS	18.2	39.5	27.6	7.3	1.4	.2						100.0	7.9	8.0

TOTAL NUMBER OF OBSERVATIONS 613

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: FEB HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.6	5.9	8.6	2.6	.8							19.6	10.9	10.5
020-040	2.1	5.7	3.3	.2	.2							11.4	7.7	7.5
050-070	2.0	1.8	.3									4.1	5.1	5.0
(E) 080-100	1.5	2.0										3.4	4.5	5.0
110-130	1.5	2.8	.3									4.6	5.5	6.0
140-160	1.3	3.9	2.1	.3								7.7	8.1	8.0
(S) 170-190	1.8	3.6	5.5	2.6	.5							14.0	10.9	12.0
200-220	1.5	3.1	2.9	.7								8.2	8.6	8.0
230-250	1.1	2.1	1.3									4.6	7.3	7.0
(W) 260-280	1.5	1.8	1.0	.5	.2							4.9	7.7	7.0
290-310	.8	1.6	1.6	1.3	.2							5.5	10.4	10.5
320-340	1.8	3.1	3.1	1.3	.2							9.5	9.4	9.0
VARIABLE														
CALM	////////////////////											2.6	////////	
TOTALS	18.5	37.4	30.0	9.5	2.1							100.0	8.6	8.0

TOTAL NUMBER OF OBSERVATIONS 613



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: FEB HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.6	5.2	8.8	2.6								18.3	10.2	10.0
020-040	2.6	6.2	4.9	.5								14.2	7.9	8.0
050-070	1.1	2.1	.2									3.4	5.4	6.0
(E) 080-100	.8	2.3	.2									3.3	5.6	6.0
110-130	1.6	2.9	.3									4.9	5.3	5.0
140-160	2.5	3.3	2.3	.7								8.7	7.5	7.0
(S) 170-190	3.1	2.9	6.5	2.8	.2							15.5	10.0	11.0
200-220	1.5	3.3	3.3	.5								9.5	7.9	8.0
230-250	1.0	1.5	.3									2.8	5.9	7.0
(W) 260-280	.7	1.3	.7	.2		.2						2.9	8.1	6.5
290-310	1.1	.7	2.1	.5	.3							4.7	10.1	10.0
320-340	1.1	3.4	2.9	1.5	.2							9.2	10.3	9.5
VARIABLE														
CALM	////////////////////											2.5	////////	
TOTALS	19.7	35.1	32.5	9.3	.7	.2						100.0	8.4	8.0

TOTAL NUMBER OF OBSERVATIONS 611

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: FEB HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.4	8.8	6.2	1.3	.2							19.9	8.5	8.0
020-040	3.6	7.4	2.1	1.1								14.2	7.2	6.0
050-070	4.4	3.6	.3									8.3	4.9	4.0
(E) 080-100	3.9	1.5	.2									5.6	3.6	3.0
110-130	4.1	2.0	.2									6.2	4.0	4.0
140-160	6.4	6.5	3.3	.5								16.7	6.4	5.0
(S) 170-190	3.3	5.1	3.4	.8								12.6	7.7	8.0
200-220	.7	2.3	.2									3.1	6.1	6.0
230-250														
(W) 260-280	.8											.8	2.6	2.0
290-310	.7	.8	.7	.2								2.3	7.5	7.0
320-340	.8	2.5	1.1	1.0								5.4	9.0	8.0
VARIABLE														
CALM	////////////////////////////////////											4.9	////////////////////////////////	
TOTALS	32.1	40.5	17.7	4.9	.2							100.0	6.5	6.0

TOTAL NUMBER OF OBSERVATIONS 612

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: FEB HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.3	8.3	6.7	1.8								21.1	8.2	7.0
020-040	1.1	5.0	2.2	.7								9.0	8.1	7.0
050-070	2.9	.4	.5									3.8	5.0	4.0
(E) 080-100	3.4	1.3										4.7	3.5	2.5
110-130	2.7	1.8										4.5	4.2	3.0
140-160	4.9	4.5	2.0	.4								11.7	6.2	6.0
(S) 170-190	4.7	5.6	3.8	.7								14.8	7.2	6.0
200-220	2.0	2.3	.4									4.7	5.2	5.0
230-250	.4											.4	2.5	2.5
(W) 260-280	.9	.4			.4							1.6	7.3	3.0
290-310	.9	1.6	.4									2.9	6.1	6.0
320-340	.7	4.5	1.6	.7								7.6	8.4	7.5
VARIABLE														
CALM	////////////////////											13.3	////////	
TOTALS	28.9	35.7	17.6	4.3	.4							100.0	5.9	6.0

TOTAL NUMBER OF OBSERVATIONS 555

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: FEB HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN	MEDIAN
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.5	6.9	7.3	2.1	.3	.1						19.2	9.6	10.0
020-040	2.1	5.0	3.0	.5	.1							10.7	7.9	8.0
050-070	1.9	2.2	.3									4.4	5.2	5.0
(E) 080-100	2.0	1.6	.1									3.8	4.4	4.0
110-130	2.2	2.3	.4									4.8	5.1	5.0
140-160	3.5	3.9	1.7	.2								9.3	6.3	6.0
(S) 170-190	3.6	4.4	4.1	1.3	.1							13.5	8.2	8.0
200-220	1.9	2.5	1.3	.2								5.9	6.8	6.0
230-250	.8	1.1	.4									2.3	6.1	6.0
(W) 260-280	.9	1.1	.6	.1	.1	.0						2.7	7.4	7.0
290-310	1.2	1.6	1.0	.3	.1							4.3	7.8	7.0
320-340	1.7	4.1	2.6	1.1	.2	.0						9.7	8.9	8.0
VARIABLE														
CALM	////////////////////											9.2	////////	
TOTALS	24.3	36.7	22.8	5.8	.9	.1						100.0	7.0	7.0

TOTAL NUMBER OF OBSERVATIONS 4557

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAP/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: FEB HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).  
AND/OR  
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(W) 350-010	1.9	8.3	11.5	2.6	.2							24.6	10.1	10.0
020-040	2.7	7.2	6.3	1.6								17.9	8.5	8.5
050-070	2.0	3.7	.7									6.5	5.8	5.0
(E) 080-100	1.9	3.6										5.5	5.3	6.0
110-130	2.1	2.7	.5									5.3	5.6	5.0
140-160	3.2	6.7	.2									10.2	5.6	6.0
(S) 170-190	3.0	5.3	3.6	1.1								13.0	8.1	8.0
200-220	.6	2.1	.4									3.1	6.3	6.0
230-250	.4	.4										.7	4.5	4.0
(W) 260-280	.1	.2				.1						.5	9.8	6.5
290-310	.2	.4	.1	.2	.1							1.1	9.7	9.0
320-340	.2	3.1	5.0	.7	.2	.1						9.4	11.0	11.0
VARIABLE														
CALM	////////////////////											2.2	////////	
TOTALS	18.3	43.7	28.3	6.2	.5	.2						100.0	8.0	8.0

TOTAL NUMBER OF OBSERVATIONS 806

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: MAR HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.6	5.5	3.9	1.0	.2							12.2	8.6	7.5
020-040	2.7	1.4	.8	.2								5.1	6.0	4.0
050-070	.6	.6	.2									1.4	4.7	5.0
(E) 080-100	1.2	.6										1.8	3.6	4.0
110-130	4.3	.4										4.7	3.1	3.0
140-160	4.1	4.7	5.1	1.2	.2							15.3	8.6	9.0
(S) 170-190	3.3	10.0	8.4	3.1	.2		.2					25.1	9.4	9.0
200-220	1.2	1.8	1.2	.2								4.5	7.3	7.0
230-250	1.0	.6										1.6	4.3	3.0
(W) 260-280	.6	1.4	.4									2.4	6.1	6.0
290-310	1.0	2.9	.8	.2								4.9	7.0	6.5
320-340	3.3	3.5	1.4	1.0								9.2	7.0	6.0
VARIABLE														
CALM	////////////////////											11.6	////////	
TOTALS	24.9	33.4	22.2	6.9	.6		.2					100.0	6.9	7.0

TOTAL NUMBER OF OBSERVATIONS 490

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: MAR HOURS: 03-05

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(W) 350-010	2.9	5.5	4.3	.6	.4							13.7	8.5	8.0
020-040	2.0	1.8	1.6									5.5	6.2	5.0
050-070	.6	.2	.2									1.0	5.4	4.0
(E) 080-100	.6	.8										1.4	3.9	5.0
110-130	3.1	1.4										4.5	4.0	4.0
140-160	3.9	4.3	3.7	1.8			.2					13.9	8.5	8.0
(S) 170-190	5.7	10.6	5.5	.6	.2							22.7	7.7	8.0
200-220	1.6	1.6	1.4	.2								4.9	6.8	7.5
230-250	.6	2.2	.2									3.1	6.1	6.0
(W) 260-280	.6	.6			.2							1.4	6.9	6.0
290-310	1.0	3.3	.8	.4								5.5	7.4	7.0
320-340	3.5	3.5	1.6	.4								9.0	6.6	6.0
VARIABLE														
CALM	////////////////////////////////////											13.3	////////	
TOTALS	26.1	35.8	19.3	4.0	.8		.2					100.0	6.3	7.0

TOTAL NUMBER OF OBSERVATIONS 489

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: MAR HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.0	4.6	2.0	.8	1.0							10.5	9.1	8.0
020-040	1.8	2.9	2.7	.7								8.0	8.3	7.0
050-070	1.2	.5										1.8	4.0	4.0
(E) 080-100	1.1	1.0										2.0	3.9	4.0
110-130	3.8	.7	.5	.1								5.2	4.2	3.0
140-160	5.3	5.7	1.9	.3	.1							13.4	6.4	6.0
(S) 170-190	3.5	8.5	6.1	.4	.1							18.7	7.9	8.0
200-220	1.9	3.3	2.0									7.2	6.7	6.0
230-250	1.0	.8	.1									1.9	5.2	5.0
(W) 260-280	.4	1.6	.3									2.3	6.3	6.0
290-310	1.6	2.2	1.2	.4								5.5	7.3	7.0
320-340	3.8	3.8	1.8	1.5	.1							11.1	7.4	6.0
VARIABLE														
CALM	////////////////////////////////////											12.4	////////	
TOTALS	27.4	35.6	18.6	4.2	1.3							100.0	6.3	6.0

TOTAL NUMBER OF OBSERVATIONS 733



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: MAR HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.3	3.5	4.8	1.5	.1		.1					11.3	10.6	10.5
020-040	.7	4.9	2.9	1.3								9.9	9.2	9.0
050-070	.9	1.3	.4	.1								2.8	6.9	7.0
(E) 080-100	.7	1.3	.3									2.3	5.8	5.0
110-130	3.1	2.5	.4									6.0	4.9	4.0
140-160	1.9	4.4	3.2	1.2								10.6	8.7	8.0
(S) 170-190	2.2	7.1	9.0	3.1	.1							21.5	9.8	10.0
200-220	.9	4.2	4.5	1.5	.1							11.2	10.1	10.0
230-250	.6	1.6	1.2									3.3	7.7	7.0
(W) 260-280	.4	1.7	1.0	.9								4.1	10.0	9.0
290-310	.7	1.3	2.5	1.5								6.0	10.9	11.0
320-340	1.5	2.3	2.5	1.7	.4							8.4	10.4	10.0
VARIABLE														
CALM	////////////////////////////////////											2.6	////////	
TOTALS	14.9	36.1	32.7	12.8	.7		.1					100.0	9.1	9.0

TOTAL NUMBER OF OBSERVATIONS 688

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: BOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: MAR HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.6	2.6	4.2	2.3	.6	.1						11.5	10.8	11.0
020-040	2.2	4.2	2.9	.6								9.9	7.6	8.0
050-070	1.0	2.6	.7									4.4	6.6	7.0
(E) 080-100	.9	1.0	.1									2.0	4.9	5.0
110-130	2.3	1.6	.4	.1								4.5	5.5	4.0
140-160	1.6	3.5	3.8	1.9								10.8	9.9	10.0
(S) 170-190	1.7	5.8	11.4	4.2	.3	.1						23.6	11.1	11.5
200-220	.7	3.1	4.5	1.2								9.5	10.3	10.0
230-250	.6	.9	1.5	.4	.1							3.5	9.7	10.0
(W) 260-280	.3	1.6	1.3	1.0	.7							5.0	12.2	11.0
290-310	.6	2.5	2.6	.7								6.4	10.0	10.5
320-340	.4	3.1	1.7	1.9	.6							7.7	11.4	12.0
VARIABLE														
CALM	////////////////////											1.2	////////	
TOTALS	13.9	32.5	35.1	14.3	2.3	.2						100.0	9.8	10.0

TOTAL NUMBER OF OBSERVATIONS 686

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: MAR HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.6	3.5	1.6	1.3	.1							8.2	9.1	8.0
020-040	2.6	3.8	2.6	.3								9.3	7.4	7.0
050-070	1.5	2.5	.6	.1								4.7	6.8	6.5
(E) 080-100	.7	2.2	.3	.1								3.4	6.2	5.0
110-130	.9	1.9	.3	.1								3.2	7.0	7.0
140-160	2.0	6.0	7.0	2.6	.1							17.8	10.0	10.0
(S) 170-190	1.2	4.5	12.1	3.5	.4							21.8	11.3	11.0
200-220	.7	2.8	3.2	.3								7.0	9.5	9.5
230-250	.4	1.2	1.2	.4								3.2	9.9	9.5
(W) 260-280	.7	1.5	1.8	.7								4.7	9.4	10.0
290-310	1.2	1.3	1.6	.6	.4	.3						5.4	10.9	10.0
320-340	1.0	2.6	3.6	2.3	1.2	.1						10.9	12.1	12.0
VARIABLE														
CALM	////////////////////////////////////											.4	////////////////////////////////	
TOTALS	14.5	33.8	35.9	12.3	2.2	.4						100.0	9.8	10.0

TOTAL NUMBER OF OBSERVATIONS 685

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: MAR HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.5	4.8	2.5	.7	.6							11.1	8.7	8.0
020-040	2.2	4.8	1.2	.3								8.4	6.9	6.5
050-070	3.2	2.5	.1									5.8	4.8	4.0
(E) 080-100	3.1	2.6	.3									6.0	4.7	4.0
110-130	3.2	1.9	.6									5.7	4.6	4.0
140-160	5.5	10.5	6.7	1.9	.3							24.9	8.2	8.0
(S) 170-190	2.6	7.9	7.9	1.3								19.7	8.9	9.0
200-220	.7	.9	.3									1.9	5.3	6.0
230-250	.7	1.0	.4	.1								2.3	6.7	6.0
(W) 260-280	.6	.4	1.2	.1								2.3	8.1	10.0
290-310	.3	1.9	.3	.3	.1							2.9	8.5	7.5
320-340	.9	2.5	2.2	.7	.4							6.7	9.6	9.5
VARIABLE														
CALM	////////////////////											2.3	////////	
TOTALS	25.5	41.7	23.7	5.4	1.4							100.0	7.5	7.0

TOTAL NUMBER OF OBSERVATIONS 687

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: MAR HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.1	4.1	2.9	.3	.2							9.6	7.8	8.0
020-040	3.4	2.9	.8	.3								7.5	6.0	5.5
050-070	2.1	1.1										3.2	3.9	4.0
(E) 080-100	1.8	1.1	.2									3.1	4.2	4.0
110-130	3.1	2.3	.2									5.5	4.3	3.5
140-160	8.6	6.2	7.8	2.9	.5	.2						26.1	8.3	8.0
(S) 170-190	5.5	9.6	6.5	1.3								22.9	7.9	8.0
200-220	.8	.8	.2									1.8	4.9	5.0
230-250	.8	.8	.2									1.8	5.6	6.0
(W) 260-280	.6	1.0										1.6	4.8	5.0
290-310	1.0	1.1	1.0	.5								3.6	8.3	7.5
320-340	1.5	2.8	.6	.3	1.0							6.2	9.1	6.5
VARIABLE														
CALM	////////////////////											7.1	////////	
TOTALS	31.3	33.8	20.4	5.6	1.7	.2						100.0	6.8	6.0

TOTAL NUMBER OF OBSERVATIONS 616

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: MAR HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.9	4.2	3.2	1.1	.4	.0	.0					10.9	9.2	8.0
020-040	2.2	3.5	2.0	.5								8.2	7.5	7.0
050-070	1.4	1.5	.3	.0								3.3	5.6	5.0
(E) 080-100	1.3	1.4	.2	.0								2.8	4.8	5.0
110-130	2.9	1.6	.3	.1								4.9	4.7	4.0
140-160	4.1	5.7	4.9	1.7	.2	.0	.0					16.6	8.5	8.0
(S) 170-190	3.1	7.8	8.5	2.2	.2	.0	.0					21.8	9.4	9.5
200-220	1.1	2.4	2.3	.4	.0							6.2	8.6	9.0
230-250	.7	1.1	.6	.1	.0							2.6	7.5	7.0
(W) 260-280	.5	1.3	.8	.4	.1							3.1	9.0	8.5
290-310	.9	2.0	1.4	.6	.1	.0						5.0	9.0	8.0
320-340	1.9	3.0	2.0	1.3	.5	.0						8.7	9.3	8.0
VARIABLE														
CALM	////////////////////											6.0	////////	
TOTALS	22.0	35.5	26.5	8.4	1.5							100.0	7.9	8.0

TOTAL NUMBER OF OBSERVATIONS 5074

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: MAR HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN	MEDIAN
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.2	7.2	3.9	1.7	.2							14.2	9.2	9.0
020-040	2.8	1.9	.8	.5								5.9	5.9	5.0
050-070	.6	1.2										1.9	5.2	6.0
(E) 080-100	1.6	2.5	.2									4.2	5.0	5.0
110-130	2.6	1.7	.5									4.8	5.1	4.0
140-160	2.3	9.7	10.9	1.2	.2	.2						24.5	9.5	10.0
(S) 170-190	2.5	12.1	12.8	1.7	.2							29.3	9.2	9.5
200-220	.5	2.2	2.0	.2								4.8	8.3	9.0
230-250	.3	.2	.2									.6	5.8	5.0
(W) 260-280		.3	.2									.5	9.3	9.0
290-310			.2	.2								.3	14.0	14.0
320-340	.6	.6	.6	.9	1.1							3.9	13.6	16.0
VARIABLE														
CALM	////////////////////											5.1	////////	
TOTALS	15.0	39.6	32.3	6.4	1.7	.2						100.0	8.3	8.0

TOTAL NUMBER OF OBSERVATIONS 642

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: APR HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.5	2.7	1.3	.4								6.9	7.1	7.0
020-040	2.3	1.7	.6	.4								5.0	6.3	5.0
050-070	2.5	1.0	.4									4.0	4.6	4.0
(E) 080-100	.8	.2										1.0	3.2	4.0
110-130	1.7	.8	.6									3.1	5.3	4.0
140-160	4.8	11.3	4.6	1.5								22.2	7.8	7.0
(S) 170-190	5.6	11.3	10.7	2.3								29.9	8.4	9.0
200-220	1.7	2.1	1.3	.2								5.2	6.6	7.0
230-250	1.5											1.5	2.1	2.0
(W) 260-280		.2										.2	6.0	6.0
290-310	3.1	1.0	.2									4.4	4.4	4.0
320-340	2.9	2.9										5.9	4.6	4.5
VARIABLE														
CALM	////////////////////											10.7	////////	
TOTALS	29.4	35.2	19.7	4.8								100.0	6.3	6.0

TOTAL NUMBER OF OBSERVATIONS 478



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: APR HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.5	3.3	.8	1.4	.2							9.2	7.5	6.0
020-040	2.7	1.6	.4	.4								5.1	6.0	4.0
050-070	1.6	1.2										2.9	3.9	4.0
(E) 080-100	1.6											1.6	2.6	2.5
110-130	3.1	2.5										5.5	4.5	4.0
140-160	5.7	8.4	3.5									17.6	6.4	6.5
(S) 170-190	7.6	11.9	5.1	.6								25.2	6.8	6.0
200-220	2.5	3.7	2.5									8.6	6.9	7.5
230-250	1.2	.4										1.6	4.6	4.0
(W) 260-280	1.4	.8										2.2	4.1	4.0
290-310	2.7	2.2	.2									5.1	4.7	4.0
320-340	2.2	1.4	.8	.2								4.7	5.9	5.0
VARIABLE														
CALM	////////////////////											10.6	////////	
TOTALS	35.8	37.4	13.3	2.6	.2							100.0	5.5	6.0

TOTAL NUMBER OF OBSERVATIONS 489

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 51 - SEP 91  
MONTH: APR HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.9	3.3	2.4	1.3	.1							10.1	8.1	8.0
020-040	1.6	3.6	.9	1.1	.1							7.3	8.3	7.0
050-070	2.4	1.6	.1									4.2	4.3	4.0
(E) 080-100	1.3	1.0	.1									2.4	4.8	4.0
110-130	2.2	2.7										4.9	5.1	5.0
140-160	5.2	7.6	2.6	.6								15.9	6.6	6.0
(S) 170-190	5.2	10.3	4.5	.3	.1							20.4	6.9	7.0
200-220	3.3	5.0	1.0									9.3	5.9	6.0
230-250	.7	.7										1.4	5.0	5.0
(W) 260-280	1.4	1.4	.3	.1								3.3	5.7	5.0
290-310	2.4	1.3	.7	.1								4.6	5.6	4.0
320-340	3.4	2.4	1.9	.3	.1							8.2	6.8	6.0
VARIABLE														
CALM	////////////////////////////////////											7.9	////////////////////////////////	
TOTALS	32.0	40.9	14.5	3.8	.4							100.0	6.0	6.0

TOTAL NUMBER OF OBSERVATIONS 696

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: APR HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.3	1.8	4.2	2.5	.4							9.3	12.1	12.0
020-040	.7	3.3	3.1	1.3	.3							8.8	10.3	10.0
050-070	1.3	1.9	.6									3.9	5.8	5.0
(E) 080-100	1.0	1.2	.7									3.0	6.6	6.0
110-130	1.3	4.5	.3									6.1	6.2	6.0
140-160	1.6	6.1	4.5	.7								13.0	8.6	9.0
(S) 170-190	2.7	9.6	9.0	1.8	.1							23.2	9.0	9.0
200-220	1.0	6.9	4.3	.9								13.2	8.9	9.0
230-250	1.2	2.5	.7									4.5	6.9	7.0
(W) 260-280	1.0	1.3	.7		.3	.1						3.6	8.7	8.0
290-310	1.2	1.0	.9	.3								3.4	7.5	6.0
320-340	.6	2.1	2.5	.9	.3							6.4	10.4	10.0
VARIABLE														
CALM	////////////////////											1.3	////////	
TOTALS	13.9	42.2	31.5	8.4	1.4	.1						100.0	8.8	9.0

TOTAL NUMBER OF OBSERVATIONS 667

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: APR HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(W) 350-010	1.5	1.8	2.5	1.9	.1							7.9	10.5	12.0
020-040	1.5	4.0	3.0	1.2								9.7	8.8	8.0
050-070	1.0	1.9	.4									3.4	6.0	6.0
(E) 080-100	1.0	1.3	1.2									3.6	7.5	8.0
110-130	1.2	3.6	1.2	.1								6.1	7.2	7.0
140-160	1.5	6.9	7.9	.4								16.8	9.1	9.5
(S) 170-190	2.1	7.6	10.5	1.2	.1							21.6	9.9	10.0
200-220	.7	3.6	5.4	1.2								10.9	9.8	10.0
230-250	.6	1.2	1.2									3.0	7.4	8.5
(W) 260-280	1.3	1.3	1.0			.1						3.9	7.1	6.0
290-310	.9	1.0	1.6	.7	.1							4.5	10.3	10.0
320-340	.1	1.9	2.7	1.9	.7		.1	.1				7.8	13.0	11.0
VARIABLE														
CALM	////////////////////////////////////											.7	////////////////////////////////	
TOTALS	13.4	36.1	38.6	8.6	1.0	.1	.1	.1				100.0	9.3	9.0

TOTAL NUMBER OF OBSERVATIONS 668

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: BOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: APR HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.0	2.7	4.0	1.3	.1							9.3	10.4	11.0
020-040	1.0	1.6	2.4	.9	.1							6.1	9.8	11.0
050-070	1.5	2.4	.9	.3								5.1	6.9	6.0
(E) 080-100	1.9	3.6	.7									6.3	6.0	6.0
110-130	1.6	3.9	2.1									7.6	7.0	6.0
140-160	1.6	7.3	6.9	1.5	.1							17.5	9.4	9.0
(S) 170-190	.9	7.8	12.3	2.4	.6	.1						24.1	10.7	10.0
200-220	.7	2.8	1.5	.9								6.0	9.1	8.0
230-250	.6	2.2	.3									3.1	6.8	8.0
(W) 260-280	.6	1.0	.6	.3								2.5	8.2	8.0
290-310	.7	1.6	1.9	.4	.3	.3						5.4	10.9	10.0
320-340	.3	1.6	2.1	1.0	.3	.3	.3					6.0	13.2	12.0
VARIABLE														
CALM	////////////////////											.9	////////	
TOTALS	12.4	38.5	35.7	9.0	1.5	.7	.3					100.0	9.4	9.0

TOTAL NUMBER OF OBSERVATIONS 668

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: APR HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(W) 350-010	1.9	3.4	3.3	.9	.1							9.7	8.7	9.0
020-040	1.8	5.4	1.9	.4	.1							9.7	8.1	8.0
050-070	3.4	2.7	.3									6.4	4.8	4.0
(E) 080-100	3.7	1.6	.4	.3								6.1	5.2	4.0
110-130	5.1	3.9	1.6		.1							10.8	5.8	5.0
140-160	5.2	10.5	7.3	2.2								25.3	8.2	8.0
(S) 170-190	1.8	9.7	6.1	1.2	.1							19.0	9.0	9.0
200-220	.7	.9	.7									2.4	7.0	6.5
230-250	.1	.1										.3	6.0	6.0
(W) 260-280	.3	.1	.1									.6	5.3	4.5
290-310	.4	1.3	.9	.1								2.8	8.0	8.0
320-340	.9	.7	1.6	.7		.1						4.2	10.6	11.5
VARIABLE														
CALM	////////////////////////////////////											2.7	////////////////////////////////	
TOTALS	25.3	40.3	24.2	5.8	.4	.1						100.0	7.6	7.0

TOTAL NUMBER OF OBSERVATIONS 669

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: APR HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.5	3.6	1.0	.5								7.6	6.8	6.0
020-040	3.6	2.8	1.8	.3								8.6	6.7	6.0
050-070	2.6	1.7	.3									4.6	5.0	4.0
(E) 080-100	4.0	1.5										5.5	3.2	2.0
110-130	4.6	3.0	.8									8.4	5.0	4.0
140-160	6.1	11.1	5.6	1.8								24.7	7.7	8.0
(S) 170-190	4.8	9.8	7.1	1.3								23.0	8.1	8.0
200-220	1.2	.5	.2									1.8	4.2	4.0
230-250	.7											.7	2.5	3.0
(W) 260-280	1.7											1.7	2.2	2.0
290-310	.7	.5	.2	.2								1.5	6.8	7.0
320-340	1.7	2.8	.3	.3								5.1	6.4	6.0
VARIABLE														
CALM	////////////////////											6.8	////////	
TOTALS	34.2	37.3	17.3	4.4								100.0	6.3	6.0

TOTAL NUMBER OF OBSERVATIONS 604

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: APR HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65		
(N) 350-010	1.9	2.8	2.6	1.3	.2							8.8	9.1
020-040	1.8	3.1	1.9	.8	.1							7.7	8.3
050-070	2.1	1.9	.4	.0								4.4	5.3
(E) 080-100	2.0	1.4	.4	.0								3.8	5.3
110-130	2.6	3.2	.9	.0	.0							6.7	5.9
140-160	3.9	8.5	5.4	1.1	.0							19.0	8.0
(S) 170-190	3.6	9.6	8.2	1.4	.2	.0						23.0	8.7
200-220	1.5	3.3	2.1	.4								7.3	7.9
230-250	.8	1.0	.3									2.1	6.1
(W) 260-280	1.0	.8	.4	.1	.0	.0						2.3	6.5
290-310	1.4	1.3	.9	.3	.1	.0						3.9	7.6
320-340	1.5	2.0	1.6	.7	.2	.1	.1	.0				6.1	9.3
VARIABLE													
CALM	////////////////////////////////////										4.8	////////////////////////////////	
TOTALS	24.1	38.9	25.1	6.1	.8	.1	.1					100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 4939



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: APR HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).  
AND/OR  
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.7	2.7	1.3	1.3	.2							6.1	10.0	9.0
020-040	1.6	2.9	1.3									5.8	6.9	7.5
050-070	2.5	2.9	.2									5.6	5.1	5.0
(E) 080-100	.9	.7	.5	.2								2.3	7.5	6.0
110-130	2.2	4.1	.7									7.0	6.2	6.0
140-160	3.8	16.4	9.4	1.1								30.6	8.2	8.0
(S) 170-190	4.0	15.1	10.3	1.3								30.6	8.3	8.0
200-220	.7	4.0	1.1									5.8	7.3	7.5
230-250	.4	.5	.2									1.1	7.0	8.0
(W) 260-280	.4	.2				.2						.7	9.8	4.5
290-310	.5	.2		.2								.9	6.2	3.0
320-340	.2	.9	.5	.2								1.8	8.6	8.0
VARIABLE														
CALM	////////////////////////////////////											1.8	////////////////////////////////	
TOTALS	17.9	50.6	25.5	4.3	.2	.2						100.0	7.7	8.0

TOTAL NUMBER OF OBSERVATIONS 556

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: MAY HOURS: 00-02

WIND SPEED IN KNOTS															
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND	
(N) 350-010	1.8	2.6		.2								4.6	5.2	6.0	
020-040	1.2	2.2	1.6									5.0	7.4	8.0	
050-070	1.6	1.0	.6									3.2	6.0	4.5	
(E) 080-100	3.6	.2	.2									4.0	2.8	2.0	
110-130	3.0	2.6	.8									6.4	5.3	5.0	
140-160	7.2	11.4	7.8	.4	.2							27.1	7.3	6.0	
(S) 170-190	4.2	13.9	9.6	2.0								29.7	8.7	8.0	
200-220	1.6	1.0	.6									3.2	5.8	5.0	
230-250	.6											.6	2.3	2.0	
(W) 260-280	.8											.8	3.8	4.0	
290-310	.6	1.0	.2									1.8	5.3	5.0	
320-340	.6	2.2	.4									3.2	6.8	7.0	
VARIABLE															
CALM	////////////////////////////////////											10.2	////////		
TOTALS	26.8	38.1	21.8	2.6	.2							100.0	6.4	7.0	

TOTAL NUMBER OF OBSERVATIONS 498

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: MAY HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.1	2.4	.7	.2								6.4	5.8	5.0
020-040	2.1	4.2	.5	.3								7.1	6.3	6.0
050-070	1.2	.5										1.7	4.1	4.0
(E) 080-100	2.2											2.2	2.4	2.0
110-130	4.5	3.1	.7									8.3	4.8	4.0
140-160	6.9	10.7	3.3	.5								21.5	6.5	6.0
(S) 170-190	5.2	12.5	7.8	1.0								26.5	7.9	8.0
200-220	1.6	2.6	.5									4.7	5.9	6.0
230-250	.5	.2										.7	3.0	2.0
(W) 260-280	1.0	.5										1.6	3.6	3.0
290-310	1.9	.9	.5									3.3	5.9	4.0
320-340	2.8	1.4	.5	.2								4.8	5.4	4.0
VARIABLE														
CALM	////////////////////											11.2	////////	
TOTALS	33.0	39.0	14.5	2.2								100.0	5.6	6.0

TOTAL NUMBER OF OBSERVATIONS 578

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: MAY HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.4	2.5	1.3	.1								6.3	6.5	6.0
020-040	2.0	3.2	1.4	.4	.1							7.1	7.6	6.0
050-070	1.3	.8	.3									2.4	5.1	4.0
(E) 080-100	2.8	1.3	.1	.1								4.3	4.5	3.0
110-130	3.9	4.5	.3	.1								8.8	5.3	5.0
140-160	4.6	9.0	4.3	.6	.1							18.6	7.3	7.0
(S) 170-190	3.5	12.0	6.9	.7								23.1	8.0	8.0
200-220	2.5	3.4	1.7									7.6	6.4	6.0
230-250	1.1	.7										1.8	3.7	3.0
(W) 260-280	.8	.1										1.0	3.3	3.0
290-310	1.8	1.1	.1									3.1	4.6	4.0
320-340	1.7	3.1	1.7									6.4	7.2	7.0
VARIABLE														
CALM	////////////////////											9.5	////////	
TOTALS	28.4	41.7	18.1	2.0	.2							100.0	6.1	6.0

TOTAL NUMBER OF OBSERVATIONS 715

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: MAY HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.0	3.0	3.0	.6								7.6	9.4	9.0
020-040	1.9	3.9	1.4	.3								7.4	7.1	8.0
050-070	1.6	2.1	.3	.1								4.2	6.1	6.0
(E) 080-100	1.4	2.4	.1									4.0	5.5	6.0
110-130	3.0	5.0	1.7		.1							9.9	6.5	6.0
140-160	3.3	8.0	6.2	1.9	.3							19.6	8.7	8.0
(S) 170-190	1.7	9.7	11.0	2.0	.4							24.9	9.9	10.0
200-220	1.9	3.6	5.6	.6	.1							11.7	8.9	10.0
230-250	.4	.9	.1									1.4	6.0	6.5
(W) 260-280	.4	.9	.1	.1								1.6	7.0	5.0
290-310	.9	.7	.6	.1								2.3	7.4	7.5
320-340	.7	1.6	1.1				.1					3.6	8.5	8.0
VARIABLE														
CALM	////////////////////											1.7	////////	
TOTALS	18.2	41.8	31.2	5.7	.9		.1					100.0	8.2	8.0

TOTAL NUMBER OF OBSERVATIONS 698

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: MAY HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.9	1.9	2.0	.1								4.9	8.4	8.5
020-040	2.3	4.3	1.3	.4								8.3	6.7	6.0
050-070	.9	2.9	.6	.1								4.5	7.2	7.0
(E) 080-100	2.4	2.3	.7									5.5	6.1	6.0
110-130	2.3	8.3	2.0	.4								13.1	7.2	7.0
140-160	2.7	8.9	7.6	1.6	1.0							21.9	9.3	8.5
(S) 170-190	1.6	7.1	13.8	2.3	.1							24.9	10.5	11.0
200-220	.9	2.4	2.4	.4								6.2	8.9	9.0
230-250	.9		.3									1.2	5.0	3.0
(W) 260-280	.4	.6	.9									1.9	8.3	9.0
290-310	.4	.7	.3									1.4	6.8	6.5
320-340	.7	2.7	2.0	.3								5.8	8.4	9.0
VARIABLE														
CALM	////////////////////											.6	////////	
TOTALS	16.4	42.1	33.9	5.6	1.1							100.0	8.5	8.0

TOTAL NUMBER OF OBSERVATIONS 695

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: MAY HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.9	3.4	2.3	.4								8.0	7.9	7.0
020-040	.4	3.4	.7									4.6	7.2	8.0
050-070	1.9	4.2	1.7	.1								7.9	6.7	6.0
(E) 080-100	1.3	3.0	.7									5.0	6.6	6.0
110-130	2.0	7.9	2.9	.3	.1							13.2	7.9	7.5
140-160	2.1	9.0	10.3	2.1	.9							24.5	9.9	10.0
(S) 170-190	1.6	6.0	12.8	3.6	.4							24.4	10.7	11.0
200-220	.4	2.0	1.7	.1								4.3	8.8	9.0
230-250	.6	.4										1.0	4.0	2.0
(W) 260-280	.4	.3	.6									1.3	6.8	5.0
290-310	.4	1.3										1.7	6.0	6.0
320-340	.3	1.7	.9	.1								3.0	8.1	8.0
VARIABLE														
CALM	////////////////////											1.1	////////	
TOTALS	13.3	42.6	34.6	6.7	1.4							100.0	8.7	8.0

TOTAL NUMBER OF OBSERVATIONS 698

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: MAY HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.6	3.0	1.3	.1								8.0	6.0	5.0
020-040	1.9	2.6	.7									5.2	5.7	6.0
050-070	2.9	3.6	.7									7.2	5.4	5.0
(E) 080-100	3.6	3.7	.3									7.6	5.3	5.0
110-130	3.6	8.5	2.6	.4								15.0	7.0	6.0
140-160	5.2	13.8	10.7	1.6	.1	.1						31.5	8.4	8.0
(S) 170-190	1.9	9.0	7.2	1.3	.4							19.8	9.2	8.5
200-220	.6	.3	.1									1.0	5.0	4.0
230-250	.7	.3										1.0	4.3	3.0
(W) 260-280	.1	.1	.4									.7	9.0	10.0
290-310	.3			.1								.4	7.3	4.0
320-340	.6	1.0	.4									2.0	6.9	6.5
VARIABLE														
CALM	////////////////////											.6	////////////////	
TOTALS	25.0	45.9	24.4	3.5	.5	.1						100.0	7.4	7.0

TOTAL NUMBER OF OBSERVATIONS 698



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: MAY HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.1	3.0	.5	.4	.2							6.2	6.7	6.0
020-040	1.8	1.2	.9			.2						4.1	6.7	5.0
050-070	3.0	.9		.2								4.1	4.2	4.0
(E) 080-100	5.7	1.2										6.9	3.7	3.0
110-130	6.7	4.4	1.4	.7								13.3	5.5	4.0
140-160	8.1	12.9	10.6	1.1								32.7	7.8	8.0
(S) 170-190	2.7	7.3	8.0	2.3								20.2	9.5	10.0
200-220	.4	.5	.4		.2							1.4	8.0	6.5
230-250	.2	.2										.4	3.5	3.5
(W) 260-280	.4	.2										.5	4.0	2.0
290-310	.4	.2										.5	4.0	3.0
320-340	.7	1.8	.2									2.7	6.1	6.0
VARIABLE														
CALM	////////////////////////////////////											7.1	////////////////////////////////	
TOTALS	32.2	33.8	22.0	4.7	.4	.2						100.0	6.6	6.0

TOTAL NUMBER OF OBSERVATIONS 565

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: MAY HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN	MEDIAN
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.1	2.7	1.5	.3	.0							6.6	7.1	6.0
020-040	1.7	3.2	1.1	.2	.0	.0						6.2	6.9	7.0
050-070	1.8	2.1	.5	.1								4.5	5.9	6.0
(E) 080-100	2.8	1.9	.3	.0								5.0	4.9	4.0
110-130	3.6	5.7	1.6	.3	.0							11.2	6.4	6.0
140-160	4.8	10.4	7.6	1.3	.3	.0						24.4	8.2	8.0
(S) 170-190	2.7	9.5	9.7	1.9	.2							24.0	9.3	9.0
200-220	1.2	2.0	1.7	.2	.0							5.2	7.8	8.0
230-250	.6	.3	.1									1.0	4.3	3.0
(W) 260-280	.5	.3	.3	.0								1.2	6.1	5.0
290-310	.8	.7	.2	.0								1.8	5.9	5.0
320-340	1.0	1.9	1.0	.1			.0					4.0	7.3	7.0
VARIABLE														
CALM	////////////////////											4.9	////////	
TOTALS	23.6	40.7	25.6	4.4	.5							100.0	7.3	7.0

TOTAL NUMBER OF OBSERVATIONS 5145

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: MAY HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).  
AND/OR  
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(W) 350-010	1.8	2.6	2.0	.6								7.0	8.3	8.0
020-040	1.4	5.0	2.2	1.4	.2	.2						10.3	9.4	8.0
050-070	1.2	.8	.2	.4								2.6	7.0	5.0
(E) 080-100	2.0	1.8	.6	.2								4.6	6.3	7.0
110-130	3.8	7.4	3.8	.2								15.1	7.1	7.0
140-160	3.6	14.7	10.9	1.2	.2							30.6	8.7	8.5
(S) 170-190	2.2	11.3	7.8	.4								21.7	8.4	8.0
200-220	.2	2.6	.2									3.0	6.5	7.0
230-250	.4	.2										.6	3.3	2.0
(W) 260-280	.2	.4										.6	4.7	5.0
290-310	.2	.2	.2									.6	8.0	6.0
320-340	.2	.8	.2	.2								1.4	8.3	8.0
VARIABLE														
CALM	////////////////////////////////////											2.0	////////////////////////////////	
TOTALS	17.2	47.8	28.1	4.6	.4	.2						100.0	8.0	8.0

TOTAL NUMBER OF OBSERVATIONS 503

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JUN HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.9	2.0	.2									5.1	4.8	4.0
020-040	3.1	1.6	.6									5.3	5.1	4.0
050-070	1.4	.8										2.3	3.9	3.0
(E) 080-100	1.6	.8										2.5	4.1	4.0
110-130	3.3	3.1	1.0									7.4	5.4	5.0
140-160	11.3	6.6	1.0	.2	.2							19.3	4.8	4.0
(S) 170-190	11.7	17.6	5.5	.4								35.2	6.2	6.0
200-220	2.7	2.9	.2									5.7	4.4	5.0
230-250	1.6	.8	.2									2.7	4.4	3.0
(W) 260-280	1.2	.4										1.6	3.4	3.5
290-310		.2										.2	6.0	6.0
320-340	1.2	.2	.4									1.8	4.7	3.0
VARIABLE														
CALM	////////////////////											10.9	////////	
TOTALS	42.0	37.0	9.1	.6	.2							100.0	4.7	5.0

TOTAL NUMBER OF OBSERVATIONS 488

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JUN HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.5	2.4		.5								6.5	5.3	4.0
020-040	1.4	2.4	.5									4.4	5.5	5.0
050-070	1.9	.3	.3									2.6	4.7	4.0
(E) 080-100	1.4	.9	.2									2.4	5.4	4.0
110-130	3.1	.7	.3									4.2	4.1	3.5
140-160	8.4	5.4	1.2									15.0	4.9	4.0
(S) 170-190	13.4	12.6	1.7	.2								27.9	5.1	5.0
200-220	5.1	4.7	.2									9.9	4.5	4.0
230-250	1.2	.7										1.9	3.4	3.0
(W) 260-280	1.7	.3										2.1	2.8	2.0
290-310	1.2	.5										1.7	3.1	2.5
320-340	2.8	1.2	.2	.2								4.4	4.5	3.0
VARIABLE														
CALM	////////////////////											16.9	////////	
TOTALS	45.1	32.1	4.6	.9								100.0	4.0	4.0

TOTAL NUMBER OF OBSERVATIONS 573

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JUN HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.7	3.9	.6									8.2	5.3	5.0
020-040	1.7	2.7	1.4	.1								5.9	7.4	8.0
050-070	.7	.8	.3									1.8	5.6	5.0
(E) 080-100	1.5	1.3	.4									3.2	5.3	5.0
110-130	2.4	1.5	.1									4.1	4.7	4.0
140-160	6.6	7.5	.8									14.9	5.0	5.0
(S) 170-190	11.5	11.1	4.1	.1								26.9	5.7	5.0
200-220	5.1	6.3	1.0									12.4	5.5	5.0
230-250	2.0	.6										2.5	3.3	3.0
(W) 260-280	1.1	.3										1.4	3.2	3.0
290-310	1.5	.3										1.8	2.8	3.0
320-340	2.3	1.0	.1									3.4	3.9	4.0
VARIABLE														
CALM	////////////////////											13.5	////////	
TOTALS	40.1	37.3	8.8	.2								100.0	4.6	5.0

TOTAL NUMBER OF OBSERVATIONS 711

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JUN HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.6	2.5	2.2									6.2	7.1	8.0
020-040	1.3	2.0	1.6	.1								5.1	8.0	8.0
050-070	1.6	2.2	.6									4.3	6.2	6.5
(E) 080-100	1.7	1.7	.1									3.6	4.8	5.0
110-130	3.0	3.3	1.0	.1								7.5	6.0	6.0
140-160	6.2	5.5	2.6									14.3	5.9	5.0
(S) 170-190	3.3	15.2	8.1	1.6								28.2	8.3	8.0
200-220	3.6	8.0	3.9	.3								15.8	7.1	7.0
230-250	2.3	2.2	1.0									5.5	5.8	5.0
(W) 260-280	1.3	1.0	.1									2.5	4.6	4.0
290-310	.4	.1										.6	3.5	4.0
320-340	1.0	1.3	.1									2.5	4.7	5.0
VARIABLE														
CALM	////////////////////											3.9	////////	
TOTALS	27.3	45.0	21.3	2.1								100.0	6.6	6.0

TOTAL NUMBER OF OBSERVATIONS 691

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JUN HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.4	2.3	1.7	.3								5.8	7.7	8.0
020-040	.9	1.4	2.2	.3								4.8	8.8	10.0
050-070	.9	2.2	1.0									4.0	7.0	7.0
(E) 080-100	2.2	1.9	.3									4.3	4.8	4.5
110-130	3.3	6.2	.3									9.8	5.7	6.0
140-160	5.3	11.8	3.6	.3								21.1	6.6	6.0
(S) 170-190	4.8	13.3	10.7	.6								29.3	8.2	8.0
200-220	1.9	6.8	3.2									11.8	7.5	8.0
230-250	1.4	.4	.1									2.0	4.0	4.0
(W) 260-280	.4	.1										.6	3.0	1.5
290-310	1.3	.7										2.0	3.6	2.5
320-340	.6	1.2	.4			.1						2.3	7.2	5.5
VARIABLE														
CALM	////////////////////											2.0	////////	
TOTALS	24.4	48.3	23.5	1.5		.1						100.0	6.9	7.0

TOTAL NUMBER OF OBSERVATIONS 692



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JUN HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.7	2.3	1.9		.1							6.0	7.7	8.0
020-040	.7	2.6	1.7	.1								5.2	8.3	8.0
050-070	1.3	3.5	.4									5.2	6.3	6.0
(E) 080-100	2.7	2.4	.9	.1								6.2	6.0	5.0
110-130	3.0	8.2	2.2	.3								13.7	6.7	6.0
140-160	4.7	12.8	9.6	.4								27.6	7.9	8.0
(S) 170-190	2.4	11.8	9.8	.6	.1							24.7	8.6	8.0
200-220	.9	3.3	1.3									5.5	7.1	6.5
230-250	.9	.4										1.3	3.7	3.0
(W) 260-280	.4											.4	2.0	1.0
290-310	1.2	.4										1.6	4.1	4.0
320-340	.7	.6										1.3	5.2	4.0
VARIABLE														
CALM	////////////////////											1.3	////////	
TOTALS	20.6	48.3	27.8	1.5	.2							100.0	7.4	7.0

TOTAL NUMBER OF OBSERVATIONS 695

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: BOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JUN HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(W) 350-010	1.4	1.4	.7	.1				.1				3.9	7.8	6.0
020-040	2.0	2.7	1.3		.3	.1						6.5	7.6	7.0
050-070	2.3	2.7	.6		.1							5.8	6.2	5.5
(E) 080-100	2.4	2.7	.3									5.5	5.1	5.0
110-130	6.5	8.9	1.3	.1								16.8	5.8	5.0
140-160	7.2	21.9	6.8	.3								36.1	6.9	7.0
(S) 170-190	4.6	9.5	3.3	.1								17.6	6.7	7.0
200-220	1.0	1.0	.3									2.3	5.3	5.0
230-250	.6	.1		.1								.9	5.3	3.5
(W) 260-280			.1									.1	10.0	10.0
290-310	.1	.1										.3	3.5	3.5
320-340	.4	.6	.1		.1							1.3	7.2	6.0
VARIABLE														
CALM	////////////////////											3.0	////////	
TOTALS	28.5	51.6	14.8	.7	.5	.1		.1				100.0	6.4	6.0

TOTAL NUMBER OF OBSERVATIONS 695

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JUN HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.9	1.3			.2							2.3	5.8	5.0
020-040	4.1	2.0										6.1	4.3	4.0
050-070	2.3	1.6	.2									4.1	4.6	4.0
(E) 080-100	3.6	1.8	.2	.2								5.7	4.7	4.0
110-130	9.1	4.7	.5									14.3	4.3	4.0
140-160	14.0	13.8	4.3	.7								32.7	5.8	5.0
(S) 170-190	8.6	8.2	3.9	.2								20.9	6.1	6.0
200-220	1.6	.4	.4									2.3	4.4	4.0
230-250	.2	.5	.2									.9	7.4	6.0
(W) 260-280	.5	.4										.9	3.8	3.0
290-310	.4	.2										.5	4.7	4.0
320-340	.5		.5									1.1	6.7	7.0
VARIABLE														
CALM	////////////////////											8.1	////////	
TOTALS	45.8	34.9	10.2	1.1	.2							100.0	4.9	5.0

TOTAL NUMBER OF OBSERVATIONS 559

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JUN HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.1	2.3	1.0	.1	.0			.0				5.6	6.5	6.0
020-040	1.8	2.2	1.2	.1	.0	.0						5.4	7.0	6.0
050-070	1.5	1.8	.5		.0							3.8	5.9	6.0
(E) 080-100	2.2	1.7	.3	.0								4.3	5.1	4.0
110-130	4.2	4.7	.9	.1								9.8	5.6	5.0
140-160	7.7	10.9	3.9	.2	.0							22.7	6.3	6.0
(S) 170-190	7.2	12.3	6.1	.5	.0							26.1	7.0	7.0
200-220	2.7	4.3	1.4	.0								8.4	6.2	6.0
230-250	1.3	.7	.2	.0								2.2	4.7	4.0
(W) 260-280	.8	.3	.0									1.2	3.6	3.0
290-310	.8	.3										1.1	3.5	3.0
320-340	1.2	.8	.2	.0	.0	.0						2.3	5.2	4.0
VARIABLE														
CALM	////////////////////											7.1	////////	
TOTALS	33.5	42.3	15.7	1.0								100.0	5.8	6.0

TOTAL NUMBER OF OBSERVATIONS 5104

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JUN HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).  
AND/OR  
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.7	9.2	1.7		.4							12.9	7.6	7.0
020-040	2.1	5.4	4.2									11.7	8.1	8.0
050-070	.8	1.7	1.3									3.7	7.6	9.0
(E) 080-100	2.9	.8	.4									4.2	5.2	4.0
110-130	6.7	10.4	2.1	.4								19.6	6.4	6.0
140-160	4.6	15.4	2.5		.4							22.9	6.9	7.0
(S) 170-190	4.6	9.6	.4									14.6	5.3	5.0
200-220	1.3	4.6	.4									6.2	6.5	6.0
230-250														
(W) 260-280	.8											.8	2.5	2.5
290-310														
320-340	1.3	.4		.4								2.1	5.2	2.0
VARIABLE														
CALM	////////////////////											1.3	////////	
TOTALS	26.8	57.5	13.0	.8	.8							100.0	6.6	6.0

TOTAL NUMBER OF OBSERVATIONS 240

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JUL HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.3	.9										2.2	4.3	4.0
020-040	.9	.5										1.4	4.6	4.0
050-070	.7	.2										.9	2.8	3.0
(E) 080-100	.7	.2										.9	3.2	3.0
110-130	2.3	1.4										3.8	4.2	4.0
140-160	14.4	4.9										19.3	3.9	4.0
(S) 170-190	15.7	19.6	4.0	.7								40.0	5.9	5.5
200-220	6.7	6.3	.9									13.9	4.9	5.0
230-250	1.3	.4										1.6	3.9	4.0
(W) 260-280	.2											.2	1.0	1.0
290-310	.5											.5	2.0	2.0
320-340	1.8		.2									2.0	3.4	3.0
VARIABLE														
CALM	////////////////////////////////////											13.3	////////	
TOTALS	46.5	34.4	5.1	.7								100.0	4.3	4.0

TOTAL NUMBER OF OBSERVATIONS 555

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JUL HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.6	.5										2.1	3.5	3.0
020-040	.8	.2	.3									1.3	4.9	3.5
050-070	1.1	.3										1.5	3.6	3.0
(E) 080-100	1.5			.2								1.6	3.6	2.0
110-130	2.4	1.0										3.4	3.3	2.0
140-160	10.4	2.9	.3									13.7	3.4	3.0
(S) 170-190	18.8	10.6	1.6									31.0	4.3	4.0
200-220	11.7	6.4	.8									18.9	4.3	4.0
230-250	2.0	.2										2.1	2.3	2.0
(W) 260-280	1.0											1.0	2.7	2.5
290-310	.5											.5	2.0	2.0
320-340	2.4											2.4	2.4	2.0
VARIABLE														
CALM	////////////////////											20.4	////////	
TOTALS	54.2	22.1	3.0	.2								100.0	3.1	3.0

TOTAL NUMBER OF OBSERVATIONS 613

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JUL HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.3	.3	.1									3.7	3.3	3.0
020-040	1.7	.6	.3	.1								2.7	5.0	3.0
050-070	.8	.4										1.3	2.8	2.0
(E) 080-100	1.6	.4										2.0	2.9	2.0
110-130	1.0	1.1										2.1	4.5	5.0
140-160	8.1	3.0	.1									11.2	3.9	4.0
(S) 170-190	15.1	10.5	1.1	.1								26.9	4.6	4.0
200-220	9.3	9.3	1.0	.3								19.9	5.2	5.0
230-250	3.7	4.1										7.8	5.0	5.0
(W) 260-280	1.7	.8										2.5	3.6	3.0
290-310	2.0	.3										2.3	2.5	2.0
320-340	1.7	.1										1.8	2.8	3.0
VARIABLE														
CALM	////////////////////											15.8	////////	
TOTALS	50.0	30.9	2.6	.5								100.0	3.7	4.0

TOTAL NUMBER OF OBSERVATIONS 707



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JUL HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.5	.9	.3									2.6	4.6	4.0
020-040	1.7	1.7	.4	.1								4.1	5.5	5.0
050-070	2.2	.7										2.9	3.6	3.5
(E) 080-100	1.6	1.2	.3									3.1	5.0	4.0
110-130	2.0	1.7	.4									4.2	5.5	5.0
140-160	3.2	3.5	1.0									7.7	5.4	6.0
(S) 170-190	5.1	12.5	5.2	.4								23.3	7.0	7.0
200-220	6.6	16.9	5.8									29.3	6.9	7.0
230-250	3.9	4.8	.9									9.6	5.6	6.0
(W) 260-280	2.5	2.6	.1									5.2	4.5	5.0
290-310	2.0	1.0										3.1	3.8	4.0
320-340	1.0	.7										1.7	4.3	3.5
VARIABLE														
CALM	////////////////////											3.1	////////	
TOTALS	33.3	48.2	14.4	.5								100.0	5.9	6.0

TOTAL NUMBER OF OBSERVATIONS 686

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JUL HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.9	1.2	.4	.3								2.8	7.6	6.0
020-040	2.0	2.5	.7									5.2	6.0	6.0
050-070	2.8	1.7	.1									4.7	4.7	4.0
(E) 080-100	1.9	1.6	.1	.1								3.8	5.1	4.5
110-130	3.5	4.4	1.6	.1								9.6	5.9	5.0
140-160	4.2	10.5	3.1	.1								17.9	6.5	6.0
(S) 170-190	5.8	17.3	6.0	.7								29.8	7.1	7.0
200-220	3.3	7.7	3.1	.1								14.3	6.8	7.0
230-250	1.6	2.5	.1	.1								4.4	5.5	5.5
(W) 260-280	1.2	.6										1.7	4.7	4.0
290-310	1.0	.3										1.3	2.9	2.0
320-340	1.6	.4	.4									2.5	5.0	4.0
VARIABLE														
CALM	////////////////////											2.0	////////	
TOTALS	29.8	50.7	15.6	1.5								100.0	6.3	6.0

TOTAL NUMBER OF OBSERVATIONS 687

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JUL HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.7	.9	1.2	.3								3.1	8.7	9.0
020-040	.7	2.8	1.2	.3								4.9	7.7	7.0
050-070	.9	1.7	.4									3.1	6.2	6.0
(E) 080-100	2.2	4.1	.7									7.0	6.0	6.0
110-130	3.3	5.7	2.6	.1								11.8	6.8	6.0
140-160	6.1	17.2	6.6	.4								30.3	7.2	7.0
(S) 170-190	4.2	14.4	8.2	.9	.1							27.8	8.1	8.0
200-220	1.6	5.1	.9	.1								7.7	6.7	7.0
230-250	.6	.7										1.3	5.2	5.0
(W) 260-280			.1									.1	10.0	10.0
290-310	.1	.1	.1									.4	7.3	8.0
320-340	.6	.7										1.3	5.3	7.0
VARIABLE														
CALM	////////////////////											1.2	////////	
TOTALS	21.0	53.4	22.0	2.1	.1							100.0	7.2	7.0

TOTAL NUMBER OF OBSERVATIONS 687

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: BOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JUL HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.6	.7	.6									1.9	7.2	6.0
020-040	1.2	1.5	1.0									3.6	7.0	6.0
050-070	2.6	2.0	.3									4.9	5.0	4.0
(E) 080-100	2.0	3.1	.7									5.8	6.0	6.0
110-130	6.1	7.3	2.5									15.9	5.9	6.0
140-160	10.3	17.5	7.6	.4		.1						36.0	6.9	6.0
(S) 170-190	5.4	14.6	5.4	.3								25.6	7.1	7.0
200-220	.7	1.7	.1	.3								2.9	7.5	7.5
230-250	.1	.4										.6	5.8	6.0
(W) 260-280		.1										.1	6.0	6.0
290-310	.4	.1										.6	3.8	2.5
320-340	.3	.1		.1								.6	5.8	3.5
VARIABLE														
CALM	////////////////////////////////////											1.5	////////////////////////////////	
TOTALS	29.7	49.1	18.2	1.1		.1						100.0	6.5	6.0

TOTAL NUMBER OF OBSERVATIONS 687

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JUL HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.3	.5	.2									1.0	6.0	6.0
020-040	2.0	2.0										4.0	4.8	4.5
050-070	1.8	.2										2.0	3.3	4.0
(E) 080-100	3.8	1.0	.2									4.9	3.5	3.0
110-130	7.7	2.0										9.7	3.4	3.0
140-160	14.8	14.0	2.8	.2								31.8	5.2	5.0
(S) 170-190	13.5	16.1	4.8	.5								34.9	6.0	5.0
200-220	1.8	1.3										3.1	4.3	4.0
230-250														
(W) 260-280														
290-310														
320-340	.7		.2	.2								1.0	6.7	4.0
VARIABLE														
CALM	////////////////////////////////////											7.6	////	////
TOTALS	46.4	37.1	8.2	.9								100.0	4.8	4.0

TOTAL NUMBER OF OBSERVATIONS 607

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JUL HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.3	.7	.4	.1								2.4	5.6	4.0
020-040	1.4	1.5	.5	.1								3.5	6.0	5.0
050-070	1.6	1.0	.1									2.7	4.5	4.0
(E) 080-100	1.9	1.5	.3	.0								3.7	5.0	4.0
110-130	3.5	3.2	.9	.0								7.7	5.4	5.0
140-160	8.7	9.3	2.8	.2		.0						20.9	5.8	5.0
(S) 170-190	10.2	14.3	4.6	.5	.0							29.6	6.2	6.0
200-220	5.2	7.0	1.6	.1								13.9	5.9	6.0
230-250	1.7	1.7	.1	.0								3.6	5.1	5.0
(W) 260-280	.8	.6	.0									1.4	4.2	4.0
290-310	.9	.2	.0									1.1	3.3	2.0
320-340	1.2	.3	.1	.0								1.7	4.1	3.0
VARIABLE														
CALM	////////////////////////////////////											7.8	////////////////////////////////	
TOTALS	38.4	41.3	11.4	1.0								100.0	5.3	5.0

TOTAL NUMBER OF OBSERVATIONS 5229

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JUL HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).  
AND/OR  
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS												TOTAL	MEAN	MEDIAN
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65		%	WIND	WIND
(N) 350-010	1.6												1.6	3.0	3.0
020-040	3.1		.8										3.9	3.8	2.0
050-070	3.1	.8											3.9	2.2	1.0
(E) 080-100	6.3	2.3											8.6	2.8	2.0
110-130	4.7	12.5	3.1	.8									21.1	6.8	7.0
140-160	15.6	11.7	.8										28.1	4.8	4.0
(S) 170-190	13.3	7.0	.8										21.1	4.3	4.0
200-220	3.1												3.1	2.8	3.0
230-250															
(W) 260-280															
290-310															
320-340															
VARIABLE															
CALM	////////////////////////////////////												8.6	////////////////////////////////	
TOTALS	50.8	34.3	5.5	.8									100.0	4.3	4.0

TOTAL NUMBER OF OBSERVATIONS 128

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: AUG HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.0	2.4										4.4	4.7	5.0
020-040	1.9	.7	.2									2.7	4.3	4.0
050-070	.7											.7	1.8	2.0
(E) 080-100	2.4											2.4	2.1	2.0
110-130	7.3	1.0										8.4	2.9	3.0
140-160	10.6	6.5	.2									17.2	4.2	4.0
(S) 170-190	15.4	21.8	3.2									40.4	5.5	5.0
200-220	5.3	6.1	.2									11.6	4.7	5.0
230-250	1.0	.2										1.2	2.9	3.0
(W) 260-280	.5											.5	2.3	2.0
290-310	.2	.3										.5	5.7	7.0
320-340	1.2											1.2	1.7	2.0
VARIABLE														
CALM	////////////////////											8.7	////////	
TOTALS	48.5	39.0	3.8									100.0	4.2	4.0

TOTAL NUMBER OF OBSERVATIONS 586



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: AUG HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.6	1.9										4.5	3.9	4.0
020-040	1.4	.9										2.3	4.1	4.0
050-070	1.4	.2										1.5	3.4	3.5
(E) 080-100	2.0	.2										2.2	2.2	2.0
110-130	2.6	.3										2.9	2.8	3.0
140-160	10.5	1.7										12.2	2.8	2.0
(S) 170-190	21.4	12.4	.6									34.4	4.2	4.0
200-220	9.6	7.6	.2									17.3	4.4	4.0
230-250	1.4	.9										2.3	3.9	4.0
(W) 260-280	.6											.6	2.0	1.5
290-310	.5	.2										.6	2.3	1.5
320-340	1.4											1.4	2.9	4.0
VARIABLE														
CALM	////////////////////											17.6	////////	
TOTALS	55.4	26.3	.8									100.0	3.2	4.0

TOTAL NUMBER OF OBSERVATIONS 646

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: AUG HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.0	1.8	.1									4.9	4.0	4.0
020-040	1.3	1.8	.3									3.4	5.2	5.0
050-070	.8	1.1										1.9	5.1	5.5
(E) 080-100	2.0											2.0	2.1	2.0
110-130	2.0	.3	.1									2.4	2.8	2.0
140-160	8.8	1.8										10.5	3.2	3.0
(S) 170-190	19.1	9.3	.3									28.7	4.1	4.0
200-220	7.4	7.5	.9									15.9	5.1	5.0
230-250	5.0	1.8										6.7	3.3	3.0
(W) 260-280	1.3	.4										1.8	3.9	4.0
290-310	1.3	.3										1.6	2.6	2.0
320-340	1.9											1.9	2.4	2.0
VARIABLE														
CALM	////////////////////											18.3	////////	
TOTALS	53.9	26.1	1.7									100.0	3.3	4.0

TOTAL NUMBER OF OBSERVATIONS 742

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: AUG HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.5	1.3	.4	.1								3.4	5.9	5.0
020-040	2.8	2.5	.6									5.9	5.3	5.0
050-070	1.5	1.1										2.7	4.5	4.0
(E) 080-100	2.1	1.0										3.1	3.4	3.0
110-130	3.5	1.7										5.2	3.6	4.0
140-160	4.2	1.8	.1									6.1	3.9	3.5
(S) 170-190	6.0	11.0	2.8									19.8	6.2	6.0
200-220	8.0	15.9	4.9	.1								28.9	6.6	6.0
230-250	5.3	5.0	.7									11.0	5.0	5.0
(W) 260-280	2.4	1.8										4.2	4.5	4.0
290-310	2.5	1.3										3.8	4.1	3.0
320-340	1.3	.6										1.8	3.3	2.0
VARIABLE														
CALM	////////////////////////////////////											4.2	////////////////////////////////	
TOTALS	41.1	4.0	9.5	.2								100.0	5.2	5.0

TOTAL NUMBER OF OBSERVATIONS 716

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: AUG HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.4	1.3	.6	.1								3.3	6.3	6.0
020-040	1.4	4.0	.8	.1								6.4	6.6	6.0
050-070	2.8	1.7	.4	.1								5.0	5.1	4.0
(E) 080-100	3.2	2.4	.3									5.8	4.7	4.0
110-130	6.1	3.6										9.7	4.0	4.0
140-160	6.5	10.2	1.0	.1								17.8	5.3	5.0
(S) 170-190	6.3	13.8	3.5	.1								23.7	6.5	6.0
200-220	5.3	9.5	1.8									16.6	6.2	6.0
230-250	2.9	1.4										4.3	4.0	4.0
(W) 260-280	.8	.1										1.0	3.1	3.0
290-310	1.0	.3										1.3	3.1	2.0
320-340	.8	.6										1.4	5.0	4.0
VARIABLE														
CALM	////////////////////											3.6	////////	
TOTALS	38.5	48.9	8.4	.5								100.0	5.4	5.0

TOTAL NUMBER OF OBSERVATIONS 718

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: BOOD AAF/KILLKEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: AUG HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.8	1.1	.7									2.7	6.7	7.0
020-040	2.0	2.5	1.3	.1								5.9	6.9	6.0
050-070	1.3	3.6	.6	.1								5.6	6.6	6.0
(E) 080-100	2.4	4.9	.7	.1								8.1	5.9	6.0
110-130	6.0	8.5	.8	.1								15.5	5.5	5.0
140-160	5.9	15.0	3.5	.1	.1							24.6	6.5	6.0
(S) 170-190	3.8	13.0	4.1	.1								21.0	7.1	7.0
200-220	2.5	5.3	1.4									9.2	6.2	6.0
230-250	.8	1.0	.1	.1								2.1	5.5	5.0
(W) 260-280	.4	.1										.6	3.8	2.0
290-310	.4	.6										1.0	4.3	5.0
320-340	.3	.8	.4	.3								1.8	9.0	8.0
VARIABLE														
CALM	////////////////////											2.0	////////	
TOTALS	26.6	56.4	13.6	1.0	.1							100.0	6.3	6.0

TOTAL NUMBER OF OBSERVATIONS 715

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: AUG HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.4	1.7	.1									3.2	5.2	5.0
020-040	1.3	2.4	.8									4.5	6.6	6.0
050-070	1.5	2.5	.1									4.2	5.1	5.0
(E) 080-100	4.9	4.7	.4		.1							10.2	5.2	5.0
110-130	7.1	10.6	2.2									19.9	5.8	5.0
140-160	11.4	14.5	2.8	.3								29.0	5.7	5.0
(S) 170-190	6.3	10.9	2.9									20.1	6.3	6.0
200-220	1.0	2.1	.4									3.5	6.0	6.0
230-250	.3	.1										.4	3.3	3.0
(W) 260-280	.1	.4										.6	6.5	7.5
290-310			.1									.1	10.0	10.0
320-340	.4	1.1	.1	.1	.3							2.1	9.5	8.0
VARIABLE														
CALM	////////////////////////////////////											2.2	////////////////////////////////	
TOTALS	35.7	51.0	9.9	.4	.4							100.0	5.8	6.0

TOTAL NUMBER OF OBSERVATIONS 717

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: AUG HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(W) 350-010	2.7	2.2	.2									5.1	4.5	4.0
020-040	1.0	1.0										1.9	4.8	5.0
050-070	2.4	.5	.2									3.0	4.3	4.0
(E) 080-100	4.5	2.2										6.7	3.8	4.0
110-130	9.4	5.9										15.3	4.1	4.0
140-160	15.4	11.4	1.7									28.6	4.8	4.0
(S) 170-190	8.9	13.7	3.3	.3								26.2	6.0	6.0
200-220	2.1	1.0	.2									3.2	4.3	4.0
230-250	.5											.5	1.7	2.0
(W) 260-280	.5											.5	2.3	2.0
290-310	.2		.2									.3	6.0	6.0
320-340	.2	.3	.3									.8	8.2	8.0
VARIABLE														
CALM	////////////////////											7.9	////////	
TOTALS	47.6	38.2	6.1	.3								100.0	4.5	4.0

TOTAL NUMBER OF OBSERVATIONS 629

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: AUG HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.9	1.7	.3	.0								3.9	5.0	5.0
020-040	1.6	2.0	.5	.0								4.2	5.8	5.0
050-070	1.6	1.4	.2	.0								3.1	5.1	5.0
(E) 080-100	2.9	2.0	.2	.0	.0							5.1	4.4	4.0
110-130	5.4	4.1	.4	.0								9.9	4.6	4.0
140-160	9.0	7.9	1.2	.1	.0							18.2	5.0	5.0
(S) 170-190	10.7	13.0	2.6	.1								26.4	5.6	5.0
200-220	5.1	7.0	1.3	.0								13.4	5.7	5.0
230-250	2.2	1.4	.1	.0								3.7	4.2	4.0
(W) 260-280	.9	.4										1.2	4.0	4.0
290-310	.8	.4	.0									1.2	3.8	3.0
320-340	.9	.4	.1	.1	.0							1.6	5.4	4.0
VARIABLE														
CALM	////////////////////											8.0	////////	
TOTALS	43.0	41.7	6.9	.3								100.0	4.8	5.0

TOTAL NUMBER OF OBSERVATIONS 5469



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: AUG HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).  
AND/OR  
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	8.3	6.9										15.3	4.3	4.0
020-040	13.9	6.9										20.8	4.9	4.0
050-070	1.4	6.9										8.3	6.0	5.5
(E) 080-100	1.4	1.4										2.8	4.0	4.0
110-130	1.4	1.4										2.8	3.5	3.5
140-160	8.3	1.4										9.7	2.6	2.0
(S) 170-190	8.3	5.6										13.9	4.5	4.0
200-220		9.7	1.4									11.1	7.0	7.0
230-250	1.4	1.4										2.8	5.5	5.5
(W) 260-280														
290-310	1.4											1.4	2.0	2.0
320-340	1.4		1.4									2.8	8.5	8.5
VARIABLE														
CALM	////////////////////////////////////											8.3	////////////////////////////////	
TOTALS	47.2	41.6	2.8									100.0	4.5	4.0

TOTAL NUMBER OF OBSERVATIONS 72

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: SEP HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.2	3.1	1.7	.2								10.2	5.7	4.0
020-040	2.9	2.7	1.1	.2								6.9	6.1	5.0
050-070	1.0	.2										1.1	3.5	4.0
(E) 080-100	2.7	.2										2.9	2.5	2.0
110-130	6.7	.8										7.5	3.0	3.0
140-160	10.3	5.7	1.5									17.6	4.7	4.0
(S) 170-190	5.0	16.3	5.2									26.4	7.0	7.0
200-220	1.3	1.7	.8									3.8	5.8	5.5
230-250	1.0	.4	.2									1.5	4.6	4.0
(W) 260-280	.6											.6	3.0	4.0
290-310	.2	.4										.6	4.3	5.0
320-340	1.5	1.0	.6									3.1	5.0	5.0
VARIABLE														
CALM	////////////////////											17.8	////////	
TOTALS	38.4	32.5	11.1	.4								100.0	4.5	5.0

TOTAL NUMBER OF OBSERVATIONS 522

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: SEP HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.0	3.8	2.1									9.9	5.8	6.0
020-040	1.6	2.4	1.0	.2								5.2	7.2	6.5
050-070	1.0	.2										1.2	2.4	2.0
(E) 080-100	1.6											1.6	1.9	2.0
110-130	3.3											3.3	2.3	2.0
140-160	8.8	3.3	.3									12.5	3.9	3.5
(S) 170-190	9.5	12.3	2.4	.2								24.4	5.6	5.0
200-220	3.6	3.8	.7	.2								8.3	5.2	5.0
230-250	1.0	.9										1.9	4.5	4.0
(W) 260-280	1.4											1.4	2.4	2.0
290-310	.7	.2										.9	2.8	2.0
320-340	3.8	1.9	.2									5.9	3.8	3.0
VARIABLE														
CALM	////////////////////////////////////											23.7	////////////////////////////////	
TOTALS	40.3	28.8	6.7	.6								100.0	3.7	4.0

TOTAL NUMBER OF OBSERVATIONS 578

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: SEP HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	6.1	4.2	1.5	.3								12.2	5.4	4.0
020-040	3.1	3.4	1.6	.3								8.3	6.6	6.0
050-070	1.2	.3	.3									1.8	4.8	4.0
(E) 080-100	1.3											1.3	2.3	2.0
110-130	3.1	.4	.1									3.7	3.6	3.0
140-160	8.1	4.8	.4									13.3	4.3	4.0
(S) 170-190	8.9	7.0	1.3									17.3	5.1	4.0
200-220	4.1	4.5	1.5									10.1	5.8	5.0
230-250	.9	.6	.1									1.6	4.3	4.0
(W) 260-280	1.2	.6										1.8	3.8	3.0
290-310	1.8	1.0	.3									3.1	4.4	4.0
320-340	4.2	.9	.4									5.6	3.8	2.5
VARIABLE														
CALM	////////////////////											20.1	////////	
TOTALS	44.0	27.7	7.5	.6								100.0	4.0	4.0

TOTAL NUMBER OF OBSERVATIONS 683

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: SEP HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.9	3.1	1.9	.6								7.6	7.7	7.0
020-040	3.7	3.3	3.6	.6								11.1	7.5	7.0
050-070	1.8	2.7	.3									4.7	5.2	5.0
(E) 080-100	2.7	1.2	.1									4.0	3.9	3.0
110-130	4.5	1.9	.4									6.8	4.1	4.0
140-160	5.2	5.5	2.2									12.9	5.9	6.0
(S) 170-190	3.3	12.5	4.0	1.0	.1							20.9	7.7	7.0
200-220	3.3	7.7	4.3	.6								15.9	7.6	8.0
230-250	.9	3.3	.4									4.6	6.1	6.0
(W) 260-280	1.0	1.0	.6									2.7	5.8	6.0
290-310	.6	.6	.1									1.3	5.8	5.0
320-340	1.9	1.3		.1								3.4	4.8	4.0
VARIABLE														
CALM	////////////////////////////////////											4.0	////////////////////////////////	
TOTALS	30.8	44.1	17.9	2.9	.1							100.0	6.4	6.0

TOTAL NUMBER OF OBSERVATIONS 674

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: SEP HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.7	3.3	3.0	.4	.4							9.9	8.2	8.0
020-040	2.7	3.1	3.4	1.0								10.3	8.1	8.0
050-070	2.4	3.3	.6	.1								6.4	5.9	5.0
(E) 080-100	1.9	2.1	.4									4.5	5.3	5.0
110-130	3.7	5.1	1.2									10.0	5.7	6.0
140-160	4.6	8.1	2.5	.1								15.4	6.4	6.0
(S) 170-190	2.7	10.6	8.1	.9								22.3	8.4	8.0
200-220	2.7	5.5	1.8	.9								10.9	7.3	7.0
230-250	1.3	1.8	.3									3.4	5.2	5.0
(W) 260-280	.6	.3	.3									1.2	5.0	4.5
290-310	.4	.6	.1	.1								1.3	6.4	5.0
320-340	.6	1.5	.4	.3								2.8	7.6	7.0
VARIABLE														
CALM	////////////////////											1.3	////////	
TOTALS	26.3	45.3	22.1	3.8	.4							100.0	7.0	6.0

TOTAL NUMBER OF OBSERVATIONS 668

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: BOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: SEP HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.2	3.3	3.1	.7	.3							8.6	9.6	9.0
020-040	1.8	3.9	3.6	.7	.3							10.3	9.1	9.0
050-070	1.5	4.9	1.0									7.4	6.7	7.0
(E) 080-100	2.2	4.8	.3									7.3	5.5	6.0
110-130	3.3	7.0	2.4	.1								12.8	6.7	6.0
140-160	4.0	11.2	5.2	.3								20.7	7.4	7.0
(S) 170-190	2.4	8.8	6.4	.6	.3							18.5	8.6	8.0
200-220	1.6	3.6	1.2	.1								6.5	7.3	7.0
230-250	.3	.4										.7	4.2	5.0
(W) 260-280	.6	.6	.1									1.3	4.6	5.0
290-310	.7	.9	.1									1.8	4.9	5.0
320-340	1.0	.7	.4									2.2	6.2	5.0
VARIABLE														
CALM	////////////////////////////////////											1.8	////////////////////////////////	
TOTALS	20.6	50.1	23.8	2.5	.9							100.0	7.4	7.0

TOTAL NUMBER OF OBSERVATIONS 672

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: SEP HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.3	3.4	2.2	.1								7.2	7.4	7.0
020-040	2.4	4.3	2.7	.9								10.3	7.9	8.0
050-070	4.6	1.8	.3									6.7	4.2	4.0
(E) 080-100	5.1	3.6	.3									9.0	4.5	4.0
110-130	8.5	5.5	1.3	.3	.1							15.9	5.2	4.0
140-160	8.4	13.2	3.6	.3		.1						25.6	6.5	6.0
(S) 170-190	4.3	6.9	2.7	.1	.1							14.2	6.8	6.0
200-220	.7	1.8	.4	.1								3.1	6.9	7.0
230-250	.4	.1	.1									.7	4.6	3.0
(W) 260-280	.3											.3	2.0	2.0
290-310	.6											.6	3.3	3.5
320-340	1.0	.3	.4	.1								1.9	6.2	4.0
VARIABLE														
CALM	////////////////////											4.2	////////	
TOTALS	37.6	40.9	14.0	1.9	.2	.1						100.0	5.9	5.0

TOTAL NUMBER OF OBSERVATIONS 667



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: SEP HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.9	4.3	2.2									9.5	6.5	6.0
020-040	3.5	3.5	1.2									8.1	5.8	6.0
050-070	3.6	1.0										4.7	3.2	3.0
(E) 080-100	5.5	.7			.2							6.4	3.6	3.0
110-130	6.9	2.9	.5									10.4	4.0	4.0
140-160	11.4	9.0	3.5									23.8	5.3	5.0
(S) 170-190	5.0	8.8	6.7	.2								20.7	7.3	7.0
200-220	1.0	.9										1.9	4.3	4.0
230-250	.9	.5										1.4	3.8	3.5
(W) 260-280	.2											.2	2.0	2.0
290-310	.2											.2	2.0	2.0
320-340	1.7	.7	.2									2.6	4.6	4.0
VARIABLE														
CALM	////////////////////											10.2	////////	
TOTALS	42.6	32.3	14.3	.2	.2							100.0	4.9	5.0

TOTAL NUMBER OF OBSERVATIONS 579

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: SEP HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN	MEDIAN
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(W) 350-010	3.1	3.6	2.2	.3	.1							9.3	7.0	6.0
020-040	2.7	3.4	2.4	.5	.0							9.0	7.5	7.0
050-070	2.2	1.9	.3	.0								4.4	5.1	5.0
(E) 080-100	2.9	1.6	.2		.0							4.7	4.3	4.0
110-130	4.9	3.1	.8	.1	.0							8.9	4.9	4.0
140-160	7.4	7.7	2.5	.1		.0						17.7	5.8	5.0
(S) 170-190	5.1	10.2	4.6	.4	.1							20.3	7.1	7.0
200-220	2.3	3.8	1.4	.3								7.8	6.7	6.0
230-250	.8	1.0	.2									2.0	5.1	5.0
(W) 260-280	.7	.3	.1									1.2	4.3	4.0
290-310	.7	.5	.1	.0								1.3	4.7	4.0
320-340	2.0	1.0	.3	.1								3.4	4.9	4.0
VARIABLE														
CALM	////////////////////											10.0	////////	
TOTALS	34.8	38.1	15.1	1.8	.2							100.0	5.5	6.0

TOTAL NUMBER OF OBSERVATIONS 5043

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: SEP HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).  
AND/OR  
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.9	10.7	6.2	.3								21.2	7.3	7.0
020-040	4.6	3.6	7.2	1.6								16.9	9.0	10.0
050-070	2.6	1.6										4.2	4.3	4.0
(E) 080-100	1.6											1.6	2.8	2.0
110-130	2.6	2.3										4.9	4.4	4.0
140-160	7.5	9.1	.3			.3						17.3	5.5	5.0
(S) 170-190	4.6	13.0	.7									18.2	5.9	6.0
200-220	2.9	2.3	.3									5.5	4.7	4.0
230-250		.3										.3	7.0	7.0
(W) 260-280		1.0										1.0	5.3	5.0
290-310	.7	.7										1.3	3.5	3.5
320-340	1.3	2.0	1.3	.3								4.9	8.2	7.0
VARIABLE														
CALM	////////////////////											2.6	////////////////	
TOTALS	32.3	46.6	16.0	2.2		.3						100.0	6.3	6.0

TOTAL NUMBER OF OBSERVATIONS 307

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: OCT HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.9	7.1	3.1	1.0	.2							14.4	8.2	8.0
020-040	1.7	3.3	.6	.4								6.0	6.6	6.0
050-070	1.5	.4										1.9	3.1	3.0
(E) 080-100	1.5	.4										1.9	4.0	4.0
110-130	2.9	1.7										4.6	3.9	4.0
140-160	4.8	7.7	4.0	.2								16.7	7.1	7.0
(S) 170-190	4.6	10.6	5.2	1.5	.2							22.1	7.7	7.0
200-220	2.5	2.7	.2									5.4	4.8	5.0
230-250	.2	.2										.4	6.0	6.0
(W) 260-280		.2										.2	5.0	5.0
290-310	1.3											1.3	3.2	4.0
320-340	3.1	2.1	1.3	.6								7.1	6.6	5.0
VARIABLE														
CALM	////////////////////											18.1	////////	
TOTALS	27.0	36.4	14.4	3.7	.4							100.0	5.6	6.0

TOTAL NUMBER OF OBSERVATIONS 480

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: OCT HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.2	6.5	3.8	1.3	.5							16.4	8.2	7.0
020-040	1.6	2.9	.9									5.5	6.5	6.0
050-070	.9	.4										1.3	3.6	4.0
(E) 080-100	.4											.4	3.0	3.0
110-130	2.2	1.1	.2									3.5	4.1	4.0
140-160	5.3	5.1	3.3									13.6	6.3	6.0
(S) 170-190	9.3	8.7	3.6	.7								22.4	6.5	6.0
200-220	3.8	1.6	.2									5.6	4.4	4.0
230-250	.9											.9	3.4	3.0
(W) 260-280	1.3											1.3	2.4	2.0
290-310	2.0	1.3	.2		.2							3.6	5.3	4.0
320-340	2.7	2.4	.9	.4								6.4	6.3	5.0
VARIABLE														
CALM	////////////////////											19.3	////////	
TOTALS	34.6	30.0	13.1	2.4	.7							100.0	5.1	5.0

TOTAL NUMBER OF OBSERVATIONS 550

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: OCT HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.7	6.3	3.2	1.3	.3							15.8	7.6	6.0
020-040	2.3	2.8	1.2	.3								6.6	7.1	7.0
050-070	1.3	.7										2.0	4.1	3.0
(E) 080-100	.7	.3										1.0	4.0	3.0
110-130	2.3	1.0	.4									3.8	4.2	3.5
140-160	8.8	7.9	1.8									18.4	5.2	5.0
(S) 170-190	7.7	6.3	3.4	.6								18.0	6.1	5.0
200-220	1.8	1.8	1.0									4.5	6.4	6.0
230-250	1.0	.1										1.2	2.9	2.5
(W) 260-280	.3	.3	.1									.7	5.0	5.0
290-310	.9	1.2	.1									2.2	5.6	6.0
320-340	2.9	2.9	1.2	.3	.1							7.5	6.8	5.0
VARIABLE														
CALM	////////////////////											18.3	////////	
TOTALS	34.7	31.6	12.4	2.5	.4							100.0	5.0	5.0

TOTAL NUMBER OF OBSERVATIONS 684

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: OCT HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.8	3.2	4.1	3.8	.3							13.2	11.0	10.0
020-040	2.4	2.7	3.8	.2								9.1	7.9	8.5
050-070	1.7	1.2	.6									3.5	5.6	5.0
(E) 080-100	2.3	.6	.3									3.2	4.3	4.0
110-130	1.8	2.6	.9									5.3	6.1	6.0
140-160	3.2	8.0	3.2									14.4	7.0	7.0
(S) 170-190	3.2	10.6	7.7	1.7	.2							23.3	8.8	8.0
200-220	2.0	7.3	3.8	.6	.2							13.8	8.4	8.0
230-250	1.1	2.1	.9		.2							4.2	7.5	7.5
(W) 260-280	.8	.2	.3									1.2	4.6	3.0
290-310	.5	.5	.3	.2								1.4	7.4	8.0
320-340	1.4	1.2	1.5	.3								4.4	8.0	8.0
VARIABLE														
CALM	////////////////////											3.2	////////	
TOTALS	22.2	40.2	27.4	6.8	.9							100.0	7.9	8.0

TOTAL NUMBER OF OBSERVATIONS 661

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: OCT HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				
(N) 350-010	1.7	3.5	4.5	3.3	.9							13.9	11.2	11.0
020-040	2.7	3.9	2.7	.2	.2							9.7	7.4	8.0
050-070	2.4	1.1	.6	.2								4.2	5.5	4.0
(E) 080-100	2.1	2.6										4.7	4.8	5.0
110-130	2.0	3.0	1.8									6.8	6.6	7.0
140-160	3.6	8.0	2.6	.2								14.3	6.7	6.0
(S) 170-190	2.1	9.0	8.0	2.1	.2	.2						21.6	9.6	9.0
200-220	1.7	5.6	5.7	.9	.3							14.2	9.3	9.0
230-250	.9	1.5	.9	.2								3.5	7.0	7.0
(W) 260-280	.3	1.2	.2									1.7	6.1	6.0
290-310	.5	.6	.3									1.4	5.8	6.0
320-340	.5	.8	.5		.2							1.8	7.9	7.5
VARIABLE														
CALM	////////////////////////////////////											2.4	////////////////////////////////	
TOTALS	20.5	40.8	27.8	7.1	1.8	.2						100.0	8.1	8.0

TOTAL NUMBER OF OBSERVATIONS 663



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: OCT HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.2	4.1	4.9	2.7	.2							13.1	10.3	10.0
020-040	2.1	5.0	3.2	.3								10.6	7.9	8.0
050-070	2.7	2.4	.2									5.3	4.8	4.0
(E) 080-100	1.4	2.1										3.5	5.0	5.0
110-130	2.9	4.6	1.1									8.5	6.2	6.0
140-160	3.6	11.6	4.9	.3								20.4	7.4	7.5
(S) 170-190	2.1	9.3	7.0	1.1	.3							19.8	9.0	9.0
200-220	1.4	5.3	2.6	.3								9.6	7.9	8.0
230-250	.6	1.5	.2									2.3	5.7	6.0
(W) 260-280	.2	.5										.6	6.5	7.5
290-310	1.4	.9	.2									2.4	4.5	4.0
320-340	.6	1.4	1.1									3.0	8.0	8.0
VARIABLE														
CALM	////////////////////											.9	////////	
TOTALS	20.2	48.7	25.4	4.7	.5							100.0	7.7	8.0

TOTAL NUMBER OF OBSERVATIONS 658

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: BOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: OCT HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.4	4.8	2.3	.9	.5							10.9	8.4	7.0
020-040	2.7	5.0	2.6									10.3	6.8	7.0
050-070	3.6	1.8										5.4	3.7	3.5
(E) 080-100	3.9	1.5										5.4	3.9	4.0
110-130	9.7	6.2	.8	.2								16.8	4.5	4.0
140-160	8.2	10.9	3.8	.2								23.0	6.1	5.5
(S) 170-190	5.7	6.5	2.0	.5								14.7	6.0	6.0
200-220	1.2	.8	.2									2.1	4.6	4.0
230-250	.3	.5										.8	4.4	5.0
(W) 260-280														
290-310	.5											.5	3.0	4.0
320-340	1.4	.6	.9	.3								3.2	7.5	7.0
VARIABLE														
CALM	////////////////////											7.0	////////	
TOTALS	39.6	38.6	12.6	2.1	.5							100.0	5.5	5.0

TOTAL NUMBER OF OBSERVATIONS 661

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: OCT HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.3	6.4	2.6	1.3	.4							13.9	8.1	7.0
020-040	2.9	2.8	1.1	.2	.4							7.3	6.9	6.0
050-070	3.1	1.1										4.2	3.3	3.0
(E) 080-100	2.2	.9										3.1	3.1	3.0
110-130	5.3	3.7	.4	.2								9.5	4.5	4.0
140-160	6.8	9.4	5.1	.4								21.7	6.9	6.0
(S) 170-190	7.9	8.4	2.0	.4	.2							18.9	6.0	5.0
200-220	.9	1.5	.2									2.6	5.7	6.5
230-250	.2											.2	2.0	2.0
(W) 260-280	.2											.2	4.0	4.0
290-310	.2											.2	2.0	2.0
320-340	.9	1.7	.7									3.3	6.8	7.0
VARIABLE														
CALM	////////////////////											14.9	////////	
TOTALS	33.9	35.9	12.1	2.5	1.0							100.0	5.3	5.0

TOTAL NUMBER OF OBSERVATIONS 545

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: OCT HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.7	5.1	3.6	2.0	.4							13.9	9.1	8.0
020-040	2.3	3.6	2.1	.2	.1							8.3	7.3	7.0
050-070	2.2	1.2	.2	.0								3.6	4.4	4.0
(E) 080-100	1.8	1.1	.0									3.0	4.2	4.0
110-130	3.7	3.0	.7	.0								7.5	5.1	5.0
140-160	5.5	8.6	3.5	.1								17.8	6.6	6.0
(S) 170-190	5.2	8.6	4.9	1.1	.1	.0						20.0	7.6	7.0
200-220	1.9	3.4	1.9	.2	.1							7.4	7.5	7.0
230-250	.7	.8	.3	.0	.0							1.8	6.1	6.0
(W) 260-280	.4	.3	.1									.8	4.9	5.0
290-310	.9	.6	.1	.0	.0							1.6	5.2	4.0
320-340	1.6	1.6	1.0	.2	.0							4.5	7.1	6.0
VARIABLE														
CALM	////////////////////											10.0	////////	
TOTALS	28.9	37.9	18.4	3.8	.7							100.0	6.3	6.0

TOTAL NUMBER OF OBSERVATIONS 4902

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: OCT HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN	MEDIAN
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.0	6.5	8.0	1.7	.5							17.6	10.3	10.0
020-040	3.0	7.3	6.3	.5								17.1	8.2	8.0
050-070	3.2	1.5	.2									4.8	4.3	4.0
(E) 080-100	1.7	1.8										3.5	4.6	5.0
110-130	1.5	2.8	1.5									5.8	6.8	8.0
140-160	6.0	13.3	6.3									25.6	7.3	8.0
(S) 170-190	2.7	7.5	2.5	.3								13.0	7.2	7.0
200-220	.7	1.2	.2	.2								2.2	6.5	6.0
230-250	.3	.2										.5	4.0	3.0
(W) 260-280														
290-310	.3				.2							.5	8.3	2.0
320-340	.7	1.0	.8	1.2	.2							3.8	11.0	11.0
VARIABLE														
CALM	////////////////////											5.5	////////	
TOTALS	21.1	43.1	25.8	3.9	.9							100.0	7.4	8.0

TOTAL NUMBER OF OBSERVATIONS 601

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: BOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: NOV HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.9	6.4	2.9	1.6	.3							13.0	9.0	8.0
020-040	2.1	2.9	.8	.8								6.6	7.3	6.0
050-070	.8	.3										1.1	3.0	2.5
(E) 080-100	2.1											2.1	2.4	2.5
110-130	1.9											1.9	2.1	2.0
140-160	6.9	1.6	4.0									12.5	6.0	4.0
(S) 170-190	4.8	10.1	8.0	.5								23.4	7.6	8.0
200-220	1.3	3.5	.5									5.3	5.8	6.0
230-250	.8	1.1	.8									2.7	7.0	8.0
(W) 260-280	.3	.3										.5	4.0	4.0
290-310	2.4		.3									2.7	3.5	2.0
320-340	4.0	3.7	4.0	1.3								13.0	7.9	6.0
VARIABLE														
CALM	////////////////////////////////////											15.2	////////	
TOTALS	29.3	29.9	21.3	4.2	.3							100.0	6.0	6.0

TOTAL NUMBER OF OBSERVATIONS 376

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: NOV HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.9	8.3	5.1	1.3	.3							17.9	8.5	8.0
020-040	1.6	2.9	.5	.3	.3							5.6	7.3	6.0
050-070	.5											.5	2.0	2.0
(E) 080-100	.5	.8	.3									1.6	5.2	5.0
110-130	4.0	.5										4.5	3.1	3.0
140-160	5.9	3.2	.8	.5								10.4	5.3	4.0
(S) 170-190	4.0	9.1	4.8									17.9	7.1	7.0
200-220	3.7	2.7	.8									7.2	5.3	4.0
230-250		1.9										1.9	6.7	7.0
(W) 260-280	1.3	.5										1.9	3.9	3.0
290-310	2.9	.8	1.3									5.1	5.2	4.0
320-340	1.3	1.9	3.5	2.7	.5							9.9	11.8	13.0
VARIABLE														
CALM	////////////////////////////////////											15.7	////////////////////////////////	
TOTALS	28.6	32.6	17.1	4.8	1.1							100.0	6.0	6.0

TOTAL NUMBER OF OBSERVATIONS 375

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: NOV HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.2	4.0	6.0	1.8	.3							15.4	9.4	10.0
020-040	2.2	3.0	.3	.2	.2							5.9	6.0	6.0
050-070	.2	.2										.3	5.0	5.0
(E) 080-100	.7	.7	.2									1.5	5.6	6.0
110-130	2.7	1.8										4.5	3.9	4.0
140-160	5.9	6.7	.3									12.9	4.9	5.0
(S) 170-190	6.7	7.6	2.3	.8	.2							17.6	6.5	6.0
200-220	1.8	3.2	.8									5.9	5.9	6.0
230-250	1.0	1.0										2.0	4.4	4.5
(W) 260-280	1.5	1.0	.2									2.7	4.2	3.5
290-310	2.9	1.3	.3									4.5	4.7	4.0
320-340	3.5	2.7	4.0	1.7								11.9	8.7	8.0
VARIABLE														
CALM	////////////////////											14.8	////////	
TOTALS	32.3	33.2	14.4	4.5	.7							100.0	5.7	6.0

TOTAL NUMBER OF OBSERVATIONS 596



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: NOV HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(W) 350-010	1.2	5.3	6.6	3.7		.2						17.0	10.9	11.0
020-040	2.0	2.5	2.3	.7	.2							7.6	8.4	8.0
050-070	.7	.9	.4	.2								2.1	6.8	5.0
(E) 080-100	.9	.9										1.8	4.9	4.5
110-130	1.6	2.3	.5									4.4	6.0	6.0
140-160	3.7	6.0	1.4									11.2	6.2	6.0
(S) 170-190	2.7	8.7	5.7	1.2	.2							18.4	8.4	8.0
200-220	1.4	5.9	2.5	1.8	.4							11.9	9.3	8.0
230-250	1.4	2.7	1.2									5.3	6.9	7.0
(W) 260-280	1.1	.5	.9	.4								2.8	7.4	8.0
290-310	2.1	.9	1.1									4.1	6.2	4.0
320-340	1.4	2.0	3.0	1.2	.5							8.2	10.7	10.5
VARIABLE														
CALM	////////////////////											5.1	////////	
TOTALS	20.2	38.6	25.6	9.2	1.3	.2						100.0	8.0	8.0

TOTAL NUMBER OF OBSERVATIONS 564

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: NOV HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.9	4.6	5.3	1.8	.7							13.3	10.8	10.0
020-040	2.0	3.7	3.0	.4	.4							9.4	8.3	8.0
050-070	1.2	1.1	.9									3.2	6.4	6.0
(E) 080-100	.4	.7	.2									1.2	5.9	6.0
110-130	1.2	2.3	.4									3.9	6.0	6.0
140-160	2.5	4.3	2.5	.7								9.9	7.7	6.5
(S) 170-190	1.2	6.6	6.6	2.0	.2							16.5	10.1	10.0
200-220	2.8	7.1	7.1	1.1	1.1							19.1	9.5	9.0
230-250	.7	1.4	1.2									3.4	7.7	8.0
(W) 260-280	1.1	1.4	2.0	.5								5.0	8.7	9.5
290-310	1.4	.5	.5	.9								3.4	8.6	7.0
320-340	1.2	2.0	4.6	2.0	.4							10.1	10.7	10.0
VARIABLE														
CALM	////////////////////											1.6	////////	
TOTALS	16.6	35.7	34.3	9.4	2.8							100.0	9.0	9.0

TOTAL NUMBER OF OBSERVATIONS 564

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: NOV HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.9	6.0	5.5	3.0	.5							16.9	10.4	10.0
020-040	1.8	3.9	2.6	1.1	.2							9.5	8.7	8.0
050-070	.9	1.8	.2									2.8	5.7	5.5
(E) 080-100	1.4	1.4										2.8	4.8	4.5
110-130	2.3	2.8	.7									5.8	6.1	7.0
140-160	2.3	7.6	3.0									12.9	7.3	7.0
(S) 170-190	1.1	9.7	7.2	.5	.4							18.9	8.9	9.0
200-220	1.4	4.9	4.1	1.2	.2							11.8	9.0	9.0
230-250	.5	1.4	.7									2.6	7.7	8.0
(W) 260-280	.5	.9		.2								1.6	6.3	6.0
290-310	.7	.9	1.1	.9	.2							3.7	10.3	10.0
320-340	.9	2.5	3.0	1.2								7.6	10.2	10.0
VARIABLE														
CALM	////////////////////											3.0	////////	
TOTALS	15.7	43.8	28.1	8.1	1.5							100.0	8.4	8.0

TOTAL NUMBER OF OBSERVATIONS 567

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: NOV HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.0	8.2	5.0	1.2								17.4	8.0	7.5
020-040	3.9	2.5	1.1	.4	.2							8.0	6.5	6.0
050-070	1.2	.4	.2									1.8	3.7	2.5
(E) 080-100	3.6	.2										3.7	2.8	2.0
110-130	6.6	2.1	.7									9.4	4.1	3.0
140-160	8.2	9.3	1.1									18.5	5.3	5.0
(S) 170-190	5.2	8.0	3.0	.7								16.9	6.8	7.0
200-220	2.1	2.7										4.8	5.4	6.0
230-250		.2										.2	5.0	5.0
(W) 260-280	.7	.5		.2								1.4	6.5	4.5
290-310	.7	.4		.2								1.2	5.6	4.0
320-340	4.1	2.0	1.1	.9								8.0	6.3	4.0
VARIABLE														
CALM	////////////////////											8.5	////////	
TOTALS	39.3	36.5	12.2	3.6	.2							100.0	5.5	5.0

TOTAL NUMBER OF OBSERVATIONS 562

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: NOV HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.0	8.3	4.0	1.8								17.0	8.3	7.0
020-040	2.6	2.8	1.2	.4								6.9	6.9	6.0
050-070	1.0	.4										1.4	3.9	4.0
(E) 080-100	.6	.8										1.4	4.3	5.0
110-130	3.0	1.6	.4									5.0	4.4	3.0
140-160	8.1	5.9	2.8									16.8	5.5	5.0
(S) 170-190	5.9	10.1	6.3	.2								22.6	7.1	6.0
200-220	1.2	1.8										3.0	5.1	6.0
230-250	.8	1.2										2.0	5.0	5.0
(W) 260-280	.2	.4										.6	5.0	5.0
290-310	1.8	1.0		.2								3.0	4.7	4.0
320-340	2.0	2.6	2.8	1.0	.2							8.5	8.9	8.0
VARIABLE														
CALM	////////////////////											11.9	////////	
TOTALS	30.2	36.9	17.5	3.6	.2							100.0	5.9	6.0

TOTAL NUMBER OF OBSERVATIONS 505

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: NOV HOURS: ALL

WIND SPEED IN KNOTS														
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND
(W) 350-010	2.2	6.3	5.2	2.1	.3	.0						16.0	9.5	9.0
020-040	2.3	3.0	1.6	.5	.2							7.6	7.5	7.0
050-070	.8	.7	.2	.0								1.7	5.3	5.0
(E) 080-100	1.3	.7	.1									2.0	4.2	4.0
110-130	2.9	1.8	.4									5.1	4.7	4.0
140-160	5.3	5.9	1.9	.1								13.2	6.0	5.0
(S) 170-190	3.9	8.6	5.4	.8	.1							18.8	7.8	7.0
200-220	1.9	4.1	2.1	.6	.2							8.9	8.0	7.0
230-250	.7	1.3	.5									2.5	6.7	6.5
(W) 260-280	.9	.7	.4	.2								2.2	6.6	6.0
290-310	1.8	.8	.6	.3	.0							3.4	6.3	4.0
320-340	2.3	2.4	3.2	1.5	.2							9.5	9.3	10.0
VARIABLE														
CALM	////////////////////////////////////											8.9	////////////////////////////////	
TOTALS	26.3	36.3	21.6	6.1	1.0							100.0	6.9	7.0

TOTAL NUMBER OF OBSERVATIONS 4109

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: NOV HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(W) 350-010	1.3	7.3	6.7	4.5	.2							20.0	10.8	10.0
020-040	2.4	1.9	1.1	1.1	.6							7.1	9.0	8.0
050-070	1.1	.6	.9									2.6	6.5	6.0
(E) 080-100	1.9	1.3	.2									3.4	4.8	4.0
110-130	3.4	1.9	.2									5.6	4.4	4.0
140-160	2.4	9.5	5.6	.4								17.9	7.9	8.0
(S) 170-190	3.4	10.8	6.7	.2								21.1	7.9	8.0
200-220	1.5	1.5	1.1									4.1	6.9	6.0
230-250	.2	1.3										1.5	6.0	6.0
(W) 260-280	.4		.2									.6	5.7	3.0
290-310	.2	.4	.6									1.3	8.8	10.0
320-340	.6	1.7	5.4	2.4								10.1	12.0	12.0
VARIABLE														
CALM	////////////////////											4.5	////////	
TOTALS	18.8	38.2	28.7	8.6	.8							100.0	8.2	8.0

TOTAL NUMBER OF OBSERVATIONS 464

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: DEC HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.7	7.1	8.0	2.5								21.2	8.9	9.0
020-040	.6	2.2	2.2	.3								5.2	8.6	9.0
050-070	1.2	1.2	.9									3.4	5.8	6.0
(E) 080-100	2.5	.6										3.1	3.2	2.0
110-130	2.5	2.2										4.6	4.8	4.0
140-160	5.5	4.6	1.2									11.4	5.2	5.0
(S) 170-190	5.8	4.0										9.8	4.2	4.0
200-220	2.8	2.2										4.9	4.5	4.0
230-250	1.5	.9										2.5	4.0	3.5
(W) 260-280		.6										.6	6.0	6.0
290-310	1.8	1.2	.3									3.4	4.5	4.0
320-340	4.0	4.3	3.7	.9								12.9	7.6	6.0
VARIABLE														
CALM	////////////////////											16.9	////////	
TOTALS	31.9	31.1	16.3	3.7								100.0	5.4	6.0

TOTAL NUMBER OF OBSERVATIONS 325



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: DEC HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.8	7.1	4.3	1.5								15.7	8.6	9.0
020-040	2.5	2.5	.9	.9								6.8	7.8	8.0
050-070	2.5		.9									3.4	5.4	4.0
(E) 080-100	1.5											1.5	2.6	3.0
110-130	1.9	2.2										4.0	4.5	5.0
140-160	5.9	3.1	1.2									10.2	5.0	4.0
(S) 170-190	4.9	2.2	.9									8.0	4.6	4.0
200-220	4.3	2.2										6.5	4.0	4.0
230-250	.9	.3										1.2	3.3	3.0
(W) 260-280	1.2	.2	.3									2.8	5.6	5.0
290-310	3.7	1.9	.6									6.2	4.8	3.0
320-340	5.6	6.2	5.2	1.2								18.2	7.7	7.0
VARIABLE														
CALM	////////////////////											15.4	////////	
TOTALS	37.7	28.9	14.3	3.6								100.0	5.3	5.0

TOTAL NUMBER OF OBSERVATIONS 324

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: DEC HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(W) 350-010	2.4	8.0	8.5	1.8	.2							20.9	9.5	10.0
020-040	1.8	2.7	1.3	.4								6.2	7.1	6.0
050-070	.9	.4	.7									2.0	7.5	5.0
(E) 080-100	.7	.5										1.3	5.0	4.0
110-130	2.4	1.3										3.6	4.1	3.0
140-160	3.8	4.0	1.6									9.5	5.9	5.0
(S) 170-190	3.5	3.5	1.1									8.0	5.6	5.0
200-220	3.3	2.9										6.2	4.1	4.0
230-250	.5	.7	.2									1.5	6.0	5.0
(W) 260-280	1.1	.7										1.8	4.7	4.0
290-310	3.1	2.2	.4									5.6	4.9	4.0
320-340	6.4	6.5	3.6	.7								17.3	6.9	6.0
VARIABLE														
CALM	////////////////////											16.2	////////	
TOTALS	29.9	33.4	17.4	2.9	.2							100.0	5.7	6.0

TOTAL NUMBER OF OBSERVATIONS 550

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: DEC HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.0	5.5	12.1	2.8	.4							23.8	10.2	11.0
020-040	1.4	4.8	2.5	1.2								9.9	8.7	8.0
050-070	.9	1.1	.2									2.1	5.4	5.5
(E) 080-100	.9	.7										1.6	4.3	4.0
110-130	2.3	2.0	.2									4.4	4.7	4.0
140-160	2.3	2.8	1.6	.2								6.9	6.8	6.0
(S) 170-190	2.7	4.3	2.0	.2	.2							9.2	7.3	6.0
200-220	2.3	5.3	2.3	.5								10.5	7.8	8.0
230-250	1.4	2.3	.7									4.4	6.2	6.0
(W) 260-280	.9	1.2	.2									2.3	5.5	6.0
290-310	3.0	2.3	1.2									6.6	5.9	5.0
320-340	3.4	3.0	4.1	.7	.2	.4						11.7	8.8	9.0
VARIABLE														
CALM	////////////////////////////////////											6.4	////////////////////////////////	
TOTALS	24.5	35.3	27.1	5.6	.8	.4						100.0	7.5	8.0

TOTAL NUMBER OF OBSERVATIONS 563

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: DEC HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.5	5.7	9.5	4.1	.4							22.1	10.5	11.0
020-040	2.1	5.0	3.0	.7	.2							11.1	8.4	8.0
050-070	.9	.7										1.6	4.7	4.0
(E) 080-100	1.1	1.3	.5									2.9	5.9	6.5
110-130	2.7	1.4	.2									4.3	4.5	4.0
140-160	2.0	3.0	2.0									7.0	6.9	6.0
(S) 170-190	1.4	5.2	4.6	.5	.2							12.0	9.1	9.0
200-220	2.0	2.3	5.0	1.1	.2							10.5	9.8	10.0
230-250	1.3	1.3	2.0	.2								4.6	7.9	8.0
(W) 260-280	.9	2.0	.4									3.2	6.4	7.0
290-310	2.5	2.5	1.3	.5								6.8	6.9	7.0
320-340	1.8	3.6	3.4	1.1	.7							10.5	9.7	9.0
VARIABLE														
CALM	////////////////////											3.4	////////	
TOTALS	21.2	34.0	31.9	8.2	1.7							100.0	8.3	8.0

TOTAL NUMBER OF OBSERVATIONS 560

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: DEC HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.4	5.7	9.3	3.2	.7							22.2	10.2	10.0
020-040	2.7	6.0	1.8	.7	.2							11.4	7.3	6.5
050-070	1.8	2.0	.2									3.9	4.9	5.0
(E) 080-100	.9	2.0	.2									3.0	6.1	6.0
110-130	2.8	3.6	.7									7.1	5.5	5.0
140-160	1.4	6.4	2.5	.2								10.5	7.4	7.0
(S) 170-190	1.8	5.3	4.6	.4								12.1	8.8	9.0
200-220	.9	2.8	3.4	.2								7.3	9.1	9.0
230-250	.2	1.8	1.8									3.7	8.4	8.0
(W) 260-280	.9	.4										1.2	4.4	4.0
290-310	1.4	2.1	.7	.4	.2							4.8	7.5	6.0
320-340	2.0	4.1	3.4	1.1	.2							10.7	8.8	8.5
VARIABLE														
CALM	////////////////////											2.0	////////	
TOTALS	20.2	42.2	28.6	6.2	1.3							100.0	8.0	8.0

TOTAL NUMBER OF OBSERVATIONS 562

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: DEC HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.0	8.7	5.6	2.9	.4							21.5	9.0	8.0
020-040	4.9	5.1	1.8	.9	.2							12.8	6.8	6.0
050-070	3.2	1.8										5.1	3.8	4.0
(E) 080-100	4.2	1.1										5.2	3.5	3.0
110-130	5.4	2.7	.7	.2								9.0	4.6	4.0
140-160	6.9	7.4	1.4	.2								15.9	5.5	5.0
(S) 170-190	3.8	6.0	.4									10.1	5.1	5.5
200-220	1.8	1.1										2.9	3.9	4.0
230-250	.7											.7	2.5	2.5
(W) 260-280	.4	.2				.2						.7	8.3	3.0
290-310	.9	.9				.2	.2					2.2	8.8	5.5
320-340	1.8	4.2	1.1									7.0	6.3	6.0
VARIABLE														
CALM	////////////////////											6.9	////////	
TOTALS	38.0	39.2	11.0	4.2	.6	.4	.2					100.0	5.8	5.0

TOTAL NUMBER OF OBSERVATIONS 554

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: DEC HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.0	6.9	7.5	2.2								19.6	9.5	9.0
020-040	2.2	2.8	1.2									6.3	6.5	7.0
050-070	2.4	.8										3.2	4.4	4.0
(E) 080-100	2.8	.8	.2									3.8	4.1	3.0
110-130	2.2	2.2										4.5	5.0	4.5
140-160	5.5	4.5	1.8	.2								11.9	5.8	5.0
(S) 170-190	6.3	4.3	1.0									11.5	4.7	4.0
200-220	2.6	3.6	.2									6.5	5.0	6.0
230-250	1.0	.4										1.4	3.1	2.0
(W) 260-280	.4											.4	2.5	2.5
290-310	1.4	2.6	.2	.2	.2							4.7	6.4	6.0
320-340	1.4	4.5	1.4	.8	.2							8.3	8.0	7.0
VARIABLE														
CALM	////////////////////											17.8	////////	
TOTALS	31.2	33.4	13.5	3.4	.4							100.0	5.4	6.0

TOTAL NUMBER OF OBSERVATIONS 494

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: DEC HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.1	6.8	8.3	2.7	.3							21.2	9.7	10.0
020-040	2.4	4.1	1.9	.7	.1							9.1	7.6	7.0
050-070	1.7	1.0	.3									3.1	5.0	4.0
(E) 080-100	1.8	.9	.1									2.8	4.4	4.0
110-130	2.8	2.2	.3	.0								5.3	4.8	4.0
140-160	3.9	4.6	1.7	.1								10.3	6.1	5.0
(S) 170-190	3.5	4.5	2.0	.2	.1							10.2	6.6	6.0
200-220	2.4	2.9	1.6	.3	.0							7.1	6.9	7.0
230-250	.9	1.0	.7	.0								2.6	6.4	6.0
(W) 260-280	.7	.8	.1			.0						1.7	5.6	5.0
290-310	2.2	2.0	.6	.2	.1	.0	.0					5.1	6.2	5.0
320-340	3.1	4.5	3.1	.8	.2	.1						11.7	8.0	7.0
VARIABLE														
CALM	////////////////////											9.8	////////	
TOTALS	28.5	35.3	20.7	5.0	.8	.1						100.0	6.6	7.0

TOTAL NUMBER OF OBSERVATIONS 3932



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: DEC HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).  
AND/OR  
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.7	7.5	16.3	4.2	.2							30.7	10.6	11.0
020-040	1.3	6.0	5.0	2.3	.3							15.0	9.8	10.0
050-070	1.3	1.7	.7									3.7	6.0	5.0
(E) 080-100	2.0	1.8										3.8	4.2	4.0
110-130	3.0	3.8	.7									7.5	5.3	5.0
140-160	4.5	3.7	4.2									12.3	6.8	6.5
(S) 170-190	3.5	3.7	2.5									9.6	6.9	6.5
200-220	1.2	1.0	.2									2.3	5.3	4.5
230-250	.7		.2									.8	5.0	4.0
(W) 260-280	.2	.3										.5	4.3	6.0
290-310	.7	.2		.2								1.0	6.2	3.0
320-340	1.0	1.8	3.2	.7								6.6	9.8	10.5
VARIABLE														
CALM	////////////////////////////////////											6.1	////////////////////////////////	
TOTALS	22.1	31.5	33.0	7.4	.5							100.0	7.9	8.0

TOTAL NUMBER OF OBSERVATIONS 602

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: BOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: ALL HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN	MEDIAN
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(W) 350-010	2.3	4.0	3.2	1.1	.2	.0	.0	.0				10.7	8.6	8.0
020-040	2.0	3.2	1.7	.4	.1	.0						7.5	7.5	7.0
050-070	1.7	1.5	.3	.0	.0							3.6	5.2	5.0
(E) 080-100	2.0	1.5	.2	.0	.0							3.7	4.7	4.0
110-130	3.4	3.1	.7	.1	.0							7.2	5.3	5.0
140-160	5.7	7.4	3.3	.5	.1	.0	.0					16.9	6.6	6.0
(S) 170-190	5.4	9.3	5.5	.9	.1	.0	.0					21.2	7.5	7.0
200-220	2.5	3.9	1.7	.3	.0							8.4	6.9	6.0
230-250	1.1	1.1	.3	.0	.0							2.5	5.6	5.0
(W) 260-280	.8	.7	.3	.1	.0	.0						1.9	6.1	5.0
290-310	1.2	1.0	.5	.1	.0	.0	.0					2.8	6.6	6.0
320-340	1.7	2.1	1.4	.5	.1	.0	.0	.0				5.9	8.0	7.0
VARIABLE														
CALM	////////////////////											7.8	////////	
TOTALS	29.8	38.8	19.1	4.0	.6							100.0	6.4	6.0

TOTAL NUMBER OF OBSERVATIONS: 58210

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: ALL HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.0	6.6	7.2	2.0	.2							18.1	9.7	10.0
020-040	2.6	5.3	4.0	1.0	.1	.0						13.0	8.4	8.0
050-070	1.7	2.1	.5	.0								4.4	5.7	5.0
(E) 080-100	1.8	2.0	.2	.0								4.1	5.2	5.0
110-130	2.6	3.6	.9	.1								7.2	6.0	6.0
140-160	4.0	9.7	5.2	.4	.1	.0						19.4	7.6	8.0
(S) 170-190	3.4	9.1	5.4	.6	.1							18.5	7.9	8.0
200-220	.9	2.2	.7	.0								3.9	6.6	6.0
230-250	.3	.4	.1									.7	5.4	5.5
(W) 260-280	.2	.2	.0			.0						.5	6.5	5.0
290-310	.4	.2	.1	.1	.0							.8	7.0	5.0
320-340	.7	1.7	2.3	.7	.2	.0						5.7	10.4	10.0
VARIABLE														
CALM	////////////////////											3.7	////////	
TOTALS	20.6	43.1	26.6	4.9	.7							100.0	7.7	8.0

TOTAL NUMBER OF OBSERVATIONS: 5605



PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTT	DDDDDDDD
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTT	DDDDDDDD
PP PP	AA AA	RR RR	TT	DD DD
PP PP	AA AA	RR RR	TT	DD DD
PPPPPPPP	AA AA	RRRRRRRR	TT	DD DD
PPPPPPPP	AAAAAAAA	RRRRRRRR	TT	DD DD
PP	AAAAAAAA	RR RR	TT	DD DD
PP	AA AA	RR RR	TT	DD DD
PP	AA AA	RR RR	TT	DDDDDDDD
PP	AA AA	RR RR	TT	DDDDDDDD

PART D

CEILING VERSUS VISIBILITY AND SKY COVER SUMMARIES

CEILING VS VISIBILITY--PERCENT OCCURRENCE FREQUENCY (POF).

CREATED FROM HOURLY OBSERVATIONS, THIS SUMMARY IS A BIVARIATE DISTRIBUTION OF PERCENTAGE FREQUENCY BY CLASSES OF CEILING (FROM ZERO FEET TO 20,000 FEET-- "NO CEILING" IS A SEPARATE CLASS) VERSUS VISIBILITY CLASSES (FROM ZERO MILES (METERS) TO GREATER THAN OR EQUAL TO 7 STATUTE MILES (11,200 METERS)). THE TABLES SUMMARIZE THE DATA AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

BECAUSE OF THE CUMULATIVE NATURE OF THESE SUMMARIES, IT IS POSSIBLE TO DETERMINE THE PERCENTAGE OCCURRENCE FREQUENCY (POF) FOR ANY GIVEN CEILING AND/OR VISIBILITY LIMIT(S), EITHER SEPARATELY OR IN ANY COMBINATION. TOTALS PROGRESS FROM RIGHT TO LEFT AND FROM BOTTOM TO TOP. TO DETERMINE CEILING ALONE, REFER TO THE EXTREME RIGHT-HAND COLUMN (ZERO VISIBILITY). TO DETERMINE VISIBILITY ALONE, REFER TO THE BOTTOM ROW (ZERO CEILINGS). DETERMINE THE POF THAT MEETS OR EXCEEDS ANY GIVEN SET OF MAXIMA BY READING THE VALUE AT THE INTERSECTION OF THE APPROPRIATE CEILING ROW AND VISIBILITY COLUMN.

NOTE 1: IN JANUARY 1968, METAR STATIONS BEGAN REPORTING VISIBILITIES TO 6 STATUTE MILES OR 9000 METERS. VALUES EXCEEDING 9000 METERS ARE REPORTED AS "9999."

NOTE 2: FOR OVERSEAS CIVILIAN STATIONS REPORTING "CAVOK", ALL CEILINGS GREATER THAN 5000 FEET APPEAR IN THE 5000 FEET CLASS.

CONVERSIONS: 1 STATUTE MILE = 1,609.344 METERS = .868391 NAUTICAL MILES.  
FOR CONVENIENCE, THE CONVERSION OFTEN USED IS 1 STATUTE MILE = 1,600 METERS.

SKY COVER--PERCENT OCCURRENCE FREQUENCY.

ALSO CREATED FROM HOURLY OBSERVATIONS, THIS SUMMARY GIVES PERCENTAGE OCCURRENCE FREQUENCY (POF) OF SKY COVER IN EIGHTHS FOR SYNOPTIC STATIONS, BUT AS CLEAR, SCATTERED, BROKEN, OVERCAST, PARTIALLY OBSCURED, OR TOTALLY OBSCURED FOR AIRWAYS STATIONS. FOR AIRWAYS STATIONS, THIS SUMMARY ALSO GIVES POF FOR SKY COVER GREATER THAN ONE-HALF (I.E., 6/10). DATA IS SUMMARIZED THE SAME AS FOR PREVIOUS TABLE.

NOTE 1. THESE SUMMARIES ARE NOT AVAILABLE FOR METAR REPORTING STATIONS.

NOTE 2. AIRWAYS STATIONS THAT HAVE REPORTED IN SYNOPTIC CODE HAVE HAD THEIR  
SYNOPTIC SKY COVER REPORTS CONVERTED AS FOLLOWS:

0/8.....CLEAR

1/8 THRU 4/8.....SCATTERED

5/8 THRU 7/8.....BROKEN

8/8.....OVERCAST

NOTE 3. "PARTIAL OBSCURATION" IS A SEPARATE CATEGORY NOT INCLUDED IN  
COMPUTATION OF "GREATER THAN 1/2" PERCENTAGES. "TOTAL OBSCURATIONS,"  
HOWEVER, ARE INCLUDED.

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JAN HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	51.8	52.5	53.2	53.2	53.4	53.4	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
GE 20000	57.6	58.3	58.9	58.9	59.2	59.2	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
GE 18000	58.3	58.9	59.6	59.6	59.9	59.9	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
GE 16000	58.3	58.9	59.6	59.6	59.9	59.9	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
GE 14000	58.5	59.2	59.9	59.9	60.1	60.1	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
GE 12000	59.6	60.3	61.0	61.0	61.2	61.2	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
GE 10000	60.6	61.2	61.9	61.9	62.2	62.2	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
GE 9000	60.8	61.5	62.2	62.2	62.4	62.4	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
GE 8000	62.2	62.8	63.5	63.5	63.8	63.8	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
GE 7000	62.4	63.1	63.8	63.8	64.0	64.0	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
GE 6000	63.8	64.4	65.1	65.1	65.4	65.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 5000	64.7	65.4	66.1	66.1	66.3	66.3	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
GE 4500	66.1	67.0	67.7	67.7	67.9	67.9	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 4000	67.0	68.6	69.3	69.3	69.5	69.5	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 3500	68.6	70.2	70.9	70.9	71.1	71.1	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 3000	69.3	71.1	71.8	71.8	72.0	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 2500	70.6	72.5	73.2	73.2	73.4	73.4	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
GE 2000	74.8	76.8	77.5	77.5	77.8	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 1800	75.0	77.1	77.8	77.8	78.0	78.0	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
GE 1500	78.7	81.0	81.7	81.7	81.9	81.9	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
GE 1200	80.5	82.8	83.5	83.7	83.9	83.9	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 1000	82.3	84.9	85.8	86.0	86.2	86.2	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
GE 900	83.0	85.6	86.7	86.9	87.2	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 800	84.2	86.9	88.1	88.3	88.5	88.5	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 700	84.6	87.4	88.5	89.0	89.4	89.4	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 600	85.6	88.5	89.7	90.1	90.6	90.6	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 500	85.8	89.0	90.4	90.8	91.7	91.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 400	86.0	89.4	91.1	91.5	92.4	92.4	94.5	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 300	86.0	89.4	91.1	91.5	93.3	93.3	95.6	96.8	96.8	97.0	97.0	97.0	97.2	97.2	98.4	98.6
GE 200	86.0	89.4	91.1	91.7	93.6	93.6	95.9	97.0	97.0	97.5	97.5	97.5	97.7	97.7	98.9	99.1
GE 100	86.0	89.4	91.1	91.7	93.6	93.6	95.9	97.0	97.0	97.5	97.5	97.5	97.7	97.7	98.9	99.5
GE 000	86.0	89.4	91.1	91.7	93.6	93.6	95.9	97.0	97.0	97.5	97.5	97.5	97.7	97.7	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 436



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JAN HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	48.5	48.7	49.0	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
GE 20000	54.0	54.3	54.5	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
GE 18000	54.5	54.7	54.9	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
GE 16000	54.5	54.7	54.9	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
GE 14000	54.5	54.7	54.9	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
GE 12000	55.2	55.4	55.6	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
GE 10000	56.6	56.8	57.0	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
GE 9000	56.8	57.0	57.2	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
GE 8000	58.9	59.1	59.5	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
GE 7000	59.1	59.3	59.8	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 6000	59.8	60.0	60.5	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
GE 5000	61.1	61.4	61.8	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
GE 4500	62.1	62.3	62.8	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
GE 4000	63.7	64.1	64.8	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 3500	66.0	66.4	67.1	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
GE 3000	66.7	67.1	67.8	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 2500	67.1	67.6	68.3	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE 2000	71.0	71.7	72.4	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 1800	71.7	72.4	73.1	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
GE 1500	75.9	76.6	77.2	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.9
GE 1200	79.1	79.8	80.7	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.4
GE 1000	81.1	81.8	83.0	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.9
GE 900	81.6	83.0	84.1	84.8	84.8	84.8	85.3	85.3	85.3	85.5	85.5	85.5	85.5	85.5	85.5	85.7
GE 800	82.1	83.9	85.1	85.7	85.7	85.7	86.4	86.4	86.4	86.7	86.7	86.7	86.7	86.7	86.7	86.9
GE 700	82.5	84.4	85.5	86.7	86.9	86.9	87.8	87.8	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.3
GE 600	83.0	84.8	86.0	87.1	87.4	87.4	88.3	88.3	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.7
GE 500	83.0	84.8	86.7	87.8	88.0	88.0	89.0	89.2	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.7
GE 400	84.4	86.2	88.0	89.4	90.1	90.1	92.0	92.4	92.4	92.9	92.9	92.9	93.1	93.1	93.6	93.8
GE 300	84.4	86.2	88.0	89.4	90.3	90.6	92.6	93.6	93.6	94.0	94.0	94.0	94.3	94.3	95.4	95.6
GE 200	84.4	86.2	88.7	90.1	91.0	91.3	93.6	94.5	94.5	95.2	95.4	95.4	96.1	96.3	97.9	98.2
GE 100	84.4	86.2	88.7	90.1	91.0	91.3	93.6	94.5	94.5	95.2	95.4	95.4	96.1	96.3	97.9	98.4
GE 000	84.4	86.2	88.7	90.1	91.0	91.3	93.6	94.5	94.5	95.2	95.4	95.4	96.1	96.3	97.9	100.0

TOTAL NUMBER OF OBSERVATIONS 435

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JAN HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	44.6	45.0	45.3	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.9	46.0
GE 20000	49.3	50.4	50.7	51.2	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.5	51.6
GE 18000	49.3	50.4	50.7	51.2	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.5	51.6
GE 16000	49.3	50.4	50.7	51.2	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.5	51.6
GE 14000	49.3	50.4	50.7	51.2	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.5	51.6
GE 12000	49.3	50.4	50.7	51.2	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.5	51.6
GE 10000	51.5	52.8	53.1	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	54.0	54.1
GE 9000	51.5	52.8	53.1	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	54.0	54.1
GE 8000	53.1	54.4	54.7	55.4	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.7	55.9
GE 7000	53.8	55.1	55.4	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.5	56.6
GE 6000	54.1	55.4	55.7	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.8	56.9
GE 5000	55.4	57.2	57.6	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.7	58.8
GE 4500	56.5	58.2	58.7	59.4	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.7	59.9
GE 4000	58.5	60.6	61.0	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	62.1	62.2
GE 3500	60.7	62.8	63.2	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.3	64.4
GE 3000	62.1	64.3	64.7	65.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.7	65.9
GE 2500	62.8	65.1	65.6	66.3	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.6	66.8
GE 2000	67.4	69.9	70.3	71.0	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.8	71.9
GE 1800	67.6	70.1	70.6	71.3	71.8	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	72.1	72.2
GE 1500	71.8	74.6	75.1	75.9	76.5	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.8	76.9
GE 1200	73.8	76.8	77.5	78.2	79.0	79.0	79.1	79.3	79.3	79.3	79.3	79.3	79.3	79.4	79.6	79.7
GE 1000	75.3	78.5	79.3	80.1	81.0	81.0	81.2	81.5	81.5	81.5	81.5	81.5	81.5	81.6	81.8	81.9
GE 900	76.5	80.0	80.7	81.6	82.5	82.5	82.6	82.9	82.9	82.9	82.9	82.9	82.9	83.1	83.2	83.4
GE 800	77.4	80.9	81.8	82.6	83.5	83.8	84.0	84.3	84.3	84.3	84.3	84.3	84.3	84.4	84.6	84.7
GE 700	77.9	81.6	82.9	84.0	85.0	85.3	85.4	85.7	85.7	85.9	85.9	85.9	86.0	86.0	86.2	86.3
GE 600	77.9	81.9	83.2	84.3	85.3	85.6	86.0	86.3	86.3	86.5	86.5	86.5	86.5	86.6	86.8	87.1
GE 500	77.9	82.1	83.7	85.0	86.0	86.5	86.9	87.5	87.5	87.6	87.6	87.6	87.8	87.9	88.1	88.2
GE 400	77.9	82.6	84.6	85.9	87.8	88.4	89.4	90.4	90.7	90.9	91.0	91.0	91.3	91.5	91.9	92.1
GE 300	78.1	82.8	84.7	86.0	88.2	88.8	90.0	91.9	92.6	93.1	93.2	93.2	93.5	93.7	95.0	95.3
GE 200	78.1	83.1	85.0	86.3	88.5	89.1	90.3	92.2	92.9	93.7	93.8	93.8	94.7	94.9	96.9	98.1
GE 100	78.1	83.1	85.0	86.3	88.5	89.1	90.3	92.2	92.9	93.7	93.8	93.8	94.7	94.9	97.4	99.4
GE 000	78.1	83.1	85.0	86.3	88.5	89.1	90.3	92.2	92.9	93.7	93.8	93.8	94.7	94.9	97.4	100.0

TOTAL NUMBER OF OBSERVATIONS 680

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JAN HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	40.6	41.6	42.0	42.2	42.2	42.2	42.2	42.2	42.2	42.3	42.3	42.3	42.5	42.5	42.5	42.5
GE 20000	46.8	48.1	48.5	48.7	48.7	48.7	48.7	48.7	48.7	48.8	48.8	48.8	49.0	49.0	49.0	49.0
GE 18000	46.8	48.1	48.5	48.7	48.7	48.7	48.7	48.7	48.7	48.8	48.8	48.8	49.0	49.0	49.0	49.0
GE 16000	46.8	48.1	48.5	48.7	48.7	48.7	48.7	48.7	48.7	48.8	48.8	48.8	49.0	49.0	49.0	49.0
GE 14000	46.8	48.1	48.5	48.7	48.7	48.7	48.7	48.7	48.7	48.8	48.8	48.8	49.0	49.0	49.0	49.0
GE 12000	47.8	49.0	49.5	49.6	49.6	49.6	49.6	49.6	49.6	49.8	49.8	49.8	49.9	49.9	49.9	49.9
GE 10000	51.3	53.0	53.5	53.6	53.6	53.6	53.6	53.6	53.6	53.8	53.8	53.8	54.0	54.0	54.0	54.0
GE 9000	51.3	53.0	53.5	53.6	53.6	53.6	53.6	53.6	53.6	53.8	53.8	53.8	54.0	54.0	54.0	54.0
GE 8000	54.1	56.1	56.7	56.9	56.9	56.9	56.9	56.9	56.9	57.1	57.1	57.1	57.2	57.2	57.2	57.2
GE 7000	56.0	58.0	58.6	58.8	58.8	58.8	58.8	58.8	58.8	58.9	58.9	58.9	59.1	59.1	59.1	59.1
GE 6000	56.3	58.3	58.9	59.1	59.1	59.1	59.1	59.1	59.1	59.2	59.2	59.2	59.4	59.4	59.4	59.4
GE 5000	57.1	59.1	59.7	59.8	59.8	59.8	59.8	59.8	59.8	60.0	60.0	60.0	60.2	60.2	60.2	60.2
GE 4500	57.7	59.8	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.8	60.8	60.8	60.9	60.9	60.9	60.9
GE 4000	58.9	61.2	62.0	62.2	62.2	62.2	62.2	62.2	62.2	62.3	62.3	62.3	62.5	62.5	62.5	62.5
GE 3500	60.6	62.9	63.9	64.0	64.2	64.2	64.2	64.2	64.2	64.3	64.3	64.3	64.5	64.5	64.5	64.5
GE 3000	61.7	64.3	65.4	65.6	65.7	65.7	65.7	65.7	65.7	65.9	65.9	65.9	66.0	66.0	66.2	66.2
GE 2500	63.9	66.5	67.8	67.9	68.1	68.1	68.1	68.1	68.1	68.2	68.2	68.2	68.4	68.4	68.5	68.5
GE 2000	67.1	70.2	71.6	71.9	72.6	72.9	73.0	73.0	73.0	73.2	73.2	73.2	73.3	73.3	73.5	73.5
GE 1800	67.9	71.0	72.4	72.7	73.3	73.6	73.8	73.8	73.8	74.0	74.0	74.0	74.1	74.1	74.3	74.3
GE 1500	71.0	74.4	76.1	76.4	77.2	77.5	77.8	77.8	77.8	78.0	78.0	78.0	78.1	78.1	78.3	78.3
GE 1200	71.0	75.7	78.0	78.3	79.1	79.4	79.7	79.8	79.8	80.0	80.0	80.0	80.2	80.2	80.3	80.3
GE 1000	72.7	77.4	79.8	80.5	81.4	81.7	82.2	82.5	82.5	82.6	82.6	82.6	82.8	82.8	82.9	83.1
GE 900	73.3	78.0	80.6	81.2	82.2	82.5	83.3	83.6	83.6	83.7	83.7	83.7	84.0	84.0	84.2	84.3
GE 800	73.6	78.8	81.7	82.6	84.0	84.3	85.1	85.4	85.4	85.6	85.6	85.6	85.9	85.9	86.0	86.2
GE 700	74.0	79.2	82.2	83.1	84.7	85.0	85.9	86.4	86.4	86.5	86.7	86.7	87.0	87.0	87.1	87.4
GE 600	74.1	79.7	82.8	83.7	85.7	86.0	87.1	87.9	87.9	88.1	88.2	88.2	88.5	88.5	88.7	89.0
GE 500	74.3	80.0	83.3	84.5	87.0	87.3	88.5	89.8	89.9	90.2	90.5	90.5	90.9	91.0	91.2	91.5
GE 400	74.3	80.0	83.3	84.5	87.6	88.4	90.2	91.9	92.2	92.7	93.0	93.0	93.3	93.5	94.0	94.3
GE 300	74.3	80.0	83.3	84.5	87.6	88.4	90.4	92.4	93.2	94.3	94.9	95.0	95.3	95.7	96.7	97.2
GE 200	74.3	80.0	83.3	84.5	87.6	88.4	90.4	92.4	93.2	94.4	95.2	95.3	95.8	96.3	98.0	99.4
GE 100	74.3	80.0	83.3	84.5	87.6	88.4	90.4	92.4	93.2	94.4	95.2	95.3	95.8	96.3	98.3	100.0
GE 000	74.3	80.0	83.3	84.5	87.6	88.4	90.4	92.4	93.2	94.4	95.2	95.3	95.8	96.3	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 645

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JAN HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	45.6	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
GE 20000	55.2	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
GE 18000	55.2	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
GE 16000	55.2	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
GE 14000	55.3	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
GE 12000	56.6	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 10000	60.3	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
GE 9000	60.9	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 8000	62.5	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
GE 7000	63.6	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
GE 6000	63.9	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
GE 5000	65.6	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 4500	66.0	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
GE 4000	66.8	67.3	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
GE 3500	68.4	68.8	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
GE 3000	70.9	71.3	71.9	71.9	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
GE 2500	73.6	74.1	74.7	74.7	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
GE 2000	78.6	79.4	80.0	80.0	80.3	80.3	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 1800	79.2	80.0	80.6	80.6	80.9	80.9	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 1500	81.1	81.9	82.5	82.6	83.3	83.3	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
GE 1200	83.4	84.3	85.0	85.3	86.2	86.2	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 1000	84.3	85.4	86.0	86.4	87.6	87.6	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 900	85.0	87.0	87.6	87.9	89.1	89.1	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 800	85.3	87.8	88.8	89.1	90.7	90.7	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 700	85.6	88.4	89.5	90.1	91.6	91.6	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 600	85.7	88.7	89.8	90.4	92.9	92.9	93.8	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.4	94.4
GE 500	85.7	88.7	89.8	90.4	93.3	93.3	94.4	94.7	94.9	95.0	95.0	95.0	95.0	95.0	95.5	95.5
GE 400	85.7	88.7	90.1	90.9	94.3	94.7	96.1	96.7	96.9	97.1	97.1	97.1	97.1	97.1	97.5	97.5
GE 300	85.7	88.7	90.1	90.9	94.3	94.7	96.1	97.1	97.7	97.8	98.4	98.4	98.9	99.1	99.5	99.5
GE 200	85.7	88.7	90.1	90.9	94.3	94.7	96.1	97.1	97.7	97.8	98.4	98.4	98.9	99.1	99.5	99.7
GE 100	85.7	88.7	90.1	90.9	94.3	94.7	96.1	97.1	97.7	97.8	98.4	98.4	98.9	99.1	99.8	100.0
GE 000	85.7	88.7	90.1	90.9	94.3	94.7	96.1	97.1	97.7	97.8	98.4	98.4	98.9	99.1	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 645

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JAN HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
GE 20000	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
GE 18000	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 16000	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 14000	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
GE 12000	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
GE 10000	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
GE 9000	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
GE 8000	69.4	69.4	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
GE 7000	70.7	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 6000	70.7	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 5000	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 4500	72.2	72.2	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 4000	73.0	73.3	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
GE 3500	75.0	75.3	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
GE 3000	78.2	78.5	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 2500	80.9	81.5	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 2000	84.3	85.2	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
GE 1800	84.7	85.6	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 1500	86.1	87.2	87.5	87.8	87.8	87.8	87.8	88.0	88.0	88.1	88.4	88.4	88.4	88.4	88.4	88.4
GE 1200	87.2	88.4	88.7	89.0	89.2	89.2	89.2	89.4	89.4	89.5	89.8	89.8	89.8	89.8	89.8	89.8
GE 1000	87.8	89.0	89.4	89.7	89.8	89.8	89.8	90.0	90.0	90.1	90.6	90.6	90.6	90.6	90.7	90.7
GE 900	88.4	89.8	90.1	90.4	90.9	90.9	90.9	91.0	91.0	91.2	91.7	91.7	91.7	91.7	91.8	91.8
GE 800	89.0	90.6	90.9	91.2	92.0	92.0	92.1	92.3	92.3	92.4	92.9	92.9	92.9	92.9	93.1	93.1
GE 700	89.0	90.6	90.9	91.2	92.0	92.0	92.3	92.4	92.4	92.6	93.1	93.1	93.1	93.1	93.2	93.2
GE 600	89.2	90.9	91.5	91.8	92.6	92.6	93.2	93.4	93.4	93.8	94.3	94.3	94.3	94.3	94.4	94.4
GE 500	89.2	90.9	91.7	92.1	93.2	93.4	95.2	95.8	95.8	96.8	97.2	97.2	97.2	97.2	97.4	97.4
GE 400	89.4	91.0	92.1	92.6	93.7	93.8	95.7	96.3	96.5	97.5	98.0	98.0	98.0	98.0	98.1	98.1
GE 300	89.4	91.0	92.1	92.6	93.7	93.8	95.7	96.3	96.5	97.7	98.1	98.1	98.5	98.5	98.6	98.6
GE 200	89.4	91.0	92.1	92.6	93.7	94.0	96.0	96.6	96.8	98.0	98.6	98.6	99.1	99.2	99.8	99.8
GE 100	89.4	91.0	92.1	92.6	93.7	94.0	96.0	96.8	96.9	98.1	98.8	98.8	99.2	99.4	100.0	100.0
GE 000	89.4	91.0	92.1	92.6	93.7	94.0	96.0	96.8	96.9	98.1	98.8	98.8	99.2	99.4	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 648

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JAN HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	52.0	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
GE 20000	60.2	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
GE 18000	60.7	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
GE 16000	60.7	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
GE 14000	61.5	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
GE 12000	63.0	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
GE 10000	66.9	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
GE 9000	66.9	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
GE 8000	70.0	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 7000	71.5	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
GE 6000	72.0	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 5000	72.4	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 4500	73.2	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 4000	75.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
GE 3500	77.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
GE 3000	79.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 2500	82.4	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 2000	85.4	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 1800	85.4	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 1500	86.7	88.2	88.7	88.7	88.9	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 1200	87.0	88.5	89.0	89.0	89.3	89.3	89.3	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 1000	88.1	89.6	90.1	90.2	90.6	90.6	90.6	90.7	90.7	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 900	88.1	89.8	90.2	90.4	90.9	90.9	90.9	91.0	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 800	88.2	89.9	90.6	90.7	91.3	91.3	91.5	91.6	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 700	88.4	90.2	90.9	91.3	92.0	92.0	92.3	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 600	88.7	90.7	91.3	92.0	92.6	92.6	92.9	93.5	93.5	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 500	89.2	91.2	92.0	92.6	93.5	93.5	93.8	94.4	94.4	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 400	89.3	91.3	92.3	93.0	94.0	94.0	94.4	95.5	95.5	96.9	96.9	96.9	97.1	97.1	97.1	97.1
GE 300	89.3	91.3	92.3	93.0	94.0	94.0	94.6	95.8	95.8	97.2	97.4	97.4	97.5	97.7	97.7	97.7
GE 200	89.3	91.3	92.4	93.2	94.1	94.1	94.9	96.1	96.3	97.8	98.5	98.5	98.8	99.1	99.5	99.5
GE 100	89.3	91.3	92.4	93.2	94.1	94.1	94.9	96.1	96.3	97.8	98.5	98.5	98.8	99.1	99.5	100.0
GE 000	89.3	91.3	92.4	93.2	94.1	94.1	94.9	96.1	96.3	97.8	98.5	98.5	98.8	99.1	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 646

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JAN HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	54.6	55.3	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
GE 20000	60.2	60.9	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
GE 18000	60.4	61.1	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
GE 16000	60.4	61.1	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
GE 14000	60.6	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 12000	61.6	62.3	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
GE 10000	63.9	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
GE 9000	64.2	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 8000	66.5	67.2	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
GE 7000	67.2	67.9	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 6000	68.1	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 5000	70.0	70.7	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
GE 4500	70.5	71.2	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 4000	71.0	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 3500	72.4	73.6	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 3000	74.0	76.1	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 2500	75.4	77.5	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 2000	78.5	80.6	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 1800	78.9	81.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 1500	82.7	84.8	85.2	85.2	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
GE 1200	83.6	85.7	86.0	86.0	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
GE 1000	84.6	86.7	87.3	87.3	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 900	85.0	87.1	87.8	87.8	88.5	88.5	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 800	85.0	87.3	88.0	88.0	88.7	88.7	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 700	85.3	87.8	88.5	88.5	89.7	89.7	90.6	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 600	85.7	88.1	88.8	88.8	90.2	90.2	91.6	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 500	85.7	88.3	89.7	89.9	91.4	91.4	92.8	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 400	86.6	89.2	90.8	90.9	92.7	92.7	94.1	95.5	95.5	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 300	86.7	89.4	91.1	91.3	93.2	93.2	94.8	96.5	96.5	97.6	97.6	97.6	97.6	97.6	98.1	98.1
GE 200	86.7	89.5	91.4	91.6	93.7	93.7	95.3	97.0	97.0	98.1	98.4	98.4	98.6	98.8	99.3	99.3
GE 100	86.7	89.5	91.4	91.6	93.7	93.7	95.3	97.0	97.0	98.1	98.4	98.4	98.6	99.0	99.5	99.5
GE 000	86.7	89.5	91.4	91.6	93.7	93.7	95.3	97.0	97.0	98.1	98.4	98.4	98.6	99.0	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 573

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JAN HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	48.0	48.5	48.7	48.8	48.8	48.8	48.8	48.8	48.8	48.9	48.9	48.9	48.9	48.9	48.9	48.9
GE 20000	55.2	55.9	56.1	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.4	56.4
GE 18000	55.5	56.1	56.3	56.4	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.6	56.6
GE 16000	55.5	56.1	56.3	56.4	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.6	56.6
GE 14000	55.7	56.4	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.8	56.8	56.8	56.8	56.8	56.8	56.8
GE 12000	56.7	57.4	57.6	57.7	57.7	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 10000	59.6	60.3	60.5	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.8	60.8
GE 9000	59.7	60.5	60.7	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	61.0
GE 8000	62.1	62.9	63.1	63.3	63.3	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 7000	63.1	63.9	64.2	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.5
GE 6000	63.6	64.4	64.7	64.8	64.8	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	65.0
GE 5000	64.7	65.6	65.9	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.2	66.2
GE 4500	65.5	66.4	66.7	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	67.0	67.0	67.0	67.0
GE 4000	66.8	68.0	68.4	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.7	68.7
GE 3500	68.6	69.8	70.3	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.6	70.6
GE 3000	70.4	71.8	72.3	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.7	72.7
GE 2500	72.3	73.8	74.3	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.7	74.7
GE 2000	76.1	77.8	78.4	78.5	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9	79.0	79.0	79.0	79.0
GE 1800	76.5	78.2	78.8	79.0	79.2	79.2	79.3	79.3	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 1500	79.3	81.2	81.9	82.1	82.5	82.5	82.6	82.7	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.9
GE 1200	80.8	82.8	83.6	83.9	84.4	84.4	84.6	84.7	84.7	84.7	84.7	84.7	84.8	84.8	84.8	84.9
GE 1000	82.0	84.2	85.1	85.5	86.1	86.1	86.3	86.4	86.4	86.5	86.6	86.6	86.6	86.6	86.7	86.7
GE 900	82.6	85.0	86.0	86.4	87.0	87.1	87.4	87.5	87.6	87.6	87.7	87.7	87.8	87.8	87.8	87.9
GE 800	83.0	85.7	86.8	87.3	88.1	88.2	88.6	88.7	88.7	88.8	88.9	88.9	89.0	89.0	89.0	89.1
GE 700	83.3	86.2	87.3	88.0	88.9	89.0	89.6	89.9	89.9	90.0	90.1	90.1	90.1	90.1	90.2	90.3
GE 600	83.6	86.6	87.9	88.5	89.7	89.8	90.5	90.8	90.9	91.1	91.1	91.1	91.2	91.2	91.4	91.4
GE 500	83.7	86.8	88.3	89.1	90.5	90.7	91.7	92.3	92.3	92.7	92.8	92.8	92.8	92.9	93.0	93.1
GE 400	84.0	87.2	88.9	89.7	91.5	91.8	93.3	94.3	94.4	94.9	95.1	95.1	95.2	95.2	95.5	95.6
GE 300	84.1	87.3	89.0	89.8	91.8	92.1	93.6	95.0	95.3	96.1	96.4	96.4	96.6	96.8	97.5	97.6
GE 200	84.1	87.3	89.1	90.0	92.0	92.3	93.9	95.3	95.6	96.5	97.0	97.0	97.5	97.7	98.7	99.2
GE 100	84.1	87.3	89.1	90.0	92.0	92.3	93.9	95.3	95.6	96.6	97.0	97.0	97.5	97.7	98.9	99.7
GE 000	84.1	87.3	89.1	90.0	92.0	92.3	93.9	95.3	95.6	96.6	97.0	97.0	97.5	97.7	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 4708



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: FEB HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	52.1	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
GE 20000	57.6	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
GE 18000	57.6	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
GE 16000	57.6	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
GE 14000	57.6	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
GE 12000	57.9	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
GE 10000	59.4	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
GE 9000	59.4	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
GE 8000	59.9	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
GE 7000	60.8	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 6000	60.8	61.4	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
GE 5000	61.0	61.6	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
GE 4500	62.5	63.2	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
GE 4000	63.9	64.5	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
GE 3500	64.3	65.2	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 3000	69.2	70.1	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
GE 2500	69.2	70.1	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
GE 2000	70.7	72.1	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
GE 1800	71.0	72.3	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 1500	75.4	77.8	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GE 1200	77.2	80.0	80.7	80.7	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 1000	79.2	82.3	83.8	83.8	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 900	80.5	83.8	85.4	85.4	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 800	80.9	84.7	86.7	86.9	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 700	81.6	85.6	87.6	87.8	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 600	81.6	85.6	87.8	88.5	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 500	81.6	85.6	88.5	89.8	91.1	91.1	91.1	91.1	91.1	91.4	91.6	91.6	91.6	91.6	91.6	91.6
GE 400	81.6	86.3	89.8	91.4	93.1	93.3	93.6	93.6	93.6	93.8	94.2	94.2	94.2	94.2	94.2	94.2
GE 300	81.6	86.3	90.5	92.0	94.2	94.5	95.3	95.3	95.8	96.7	97.1	97.1	97.1	97.1	97.1	97.1
GE 200	81.6	86.3	90.7	92.2	94.5	94.7	95.6	95.6	96.0	97.3	97.8	97.8	98.2	98.7	99.1	99.1
GE 100	81.6	86.3	90.7	92.2	94.9	95.1	96.0	96.0	96.5	97.8	98.2	98.2	98.7	99.1	99.6	99.6
GE 000	81.6	86.3	90.7	92.2	94.9	95.1	96.0	96.0	96.5	97.8	98.2	98.2	98.7	99.1	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 451

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: FEB HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	46.7	47.8	48.0	48.2	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
GE 20000	52.0	53.1	53.3	53.6	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
GE 18000	52.0	53.1	53.3	53.6	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
GE 16000	52.0	53.1	53.3	53.6	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
GE 14000	52.0	53.1	53.3	53.6	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
GE 12000	52.5	53.6	53.8	54.0	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
GE 10000	54.2	55.4	55.6	55.8	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
GE 9000	54.7	55.8	56.0	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
GE 8000	55.6	56.7	56.9	57.1	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
GE 7000	56.0	57.1	57.4	57.6	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 6000	56.3	57.4	57.6	57.8	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
GE 5000	57.6	58.7	58.9	59.2	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
GE 4500	57.8	58.9	59.2	59.4	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
GE 4000	59.4	60.5	60.7	60.9	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
GE 3500	60.3	61.6	61.8	62.1	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
GE 3000	62.7	64.3	64.5	64.7	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
GE 2500	63.8	65.4	65.6	65.8	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 2000	66.3	67.9	68.3	68.5	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.2
GE 1800	66.3	68.1	68.8	69.0	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.6
GE 1500	68.5	70.5	71.2	71.4	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	72.1
GE 1200	73.0	75.9	76.8	77.0	77.5	77.5	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	78.1
GE 1000	74.3	77.2	78.6	79.0	79.5	79.5	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	80.1
GE 900	75.9	79.5	81.3	81.7	82.1	82.1	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	83.0
GE 800	76.3	80.1	81.9	82.6	83.3	83.3	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	84.2
GE 700	76.6	81.0	82.8	83.5	84.6	84.6	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.5
GE 600	76.8	81.9	83.9	84.8	86.4	86.4	87.1	87.1	87.3	87.7	87.7	87.7	87.7	87.7	87.7	87.9
GE 500	77.0	82.6	85.3	86.4	88.4	88.4	89.7	90.0	90.2	90.6	90.6	90.6	90.6	90.6	90.6	90.8
GE 400	77.9	83.9	86.6	87.7	90.2	90.8	92.4	92.9	93.1	94.0	94.0	94.0	94.0	94.0	94.0	94.2
GE 300	77.9	84.2	86.8	87.9	90.4	91.3	92.9	93.5	94.0	94.9	95.5	95.5	96.0	96.0	96.2	96.7
GE 200	77.9	84.2	86.8	87.9	90.4	91.3	92.9	93.8	94.2	95.1	95.8	95.8	96.7	96.7	97.1	97.5
GE 100	77.9	84.4	87.1	88.2	90.8	91.7	93.3	94.2	94.6	95.5	96.2	96.2	97.1	97.1	98.7	99.1
GE 000	77.9	84.4	87.1	88.2	90.8	91.7	93.3	94.2	94.6	95.5	96.2	96.2	97.1	97.1	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 448

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: FEB HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	43.0	44.1	44.9	45.0	45.3	45.3	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.8	45.9
GE 20000	46.7	47.8	49.0	49.2	49.5	49.5	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.2	50.4
GE 18000	47.0	48.1	49.3	49.5	49.8	49.8	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.5	50.7
GE 16000	47.0	48.1	49.3	49.5	49.8	49.8	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.5	50.7
GE 14000	47.0	48.1	49.3	49.5	49.8	49.8	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.5	50.7
GE 12000	47.3	48.5	49.8	49.9	50.2	50.2	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	51.0	51.1
GE 10000	49.5	50.8	52.1	52.2	52.5	52.5	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.3	53.4
GE 9000	49.6	51.0	52.2	52.4	52.7	52.7	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.4	53.6
GE 8000	50.2	51.6	52.8	53.0	53.3	53.3	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	54.1	54.2
GE 7000	51.0	52.4	53.6	53.8	54.1	54.1	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.8	55.0
GE 6000	52.1	53.4	54.7	54.8	55.1	55.1	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.9	56.0
GE 5000	53.0	54.4	55.7	55.9	56.7	56.7	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.4	57.6
GE 4500	53.1	54.5	55.9	56.2	57.0	57.0	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.7	57.9
GE 4000	53.8	55.1	56.5	56.8	57.7	57.7	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.5	58.7
GE 3500	55.1	56.7	58.0	58.5	59.4	59.4	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.2	60.3
GE 3000	58.2	59.7	61.1	61.7	62.6	62.6	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.6	63.7
GE 2500	59.7	61.4	62.8	63.4	64.3	64.3	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.2	65.4
GE 2000	62.6	64.6	66.2	66.8	67.8	67.8	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.8	68.9
GE 1800	62.6	64.6	66.2	66.8	67.8	67.8	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.8	68.9
GE 1500	66.2	68.5	70.0	70.6	71.7	71.7	72.4	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.9	73.0
GE 1200	69.7	72.4	74.0	74.6	75.7	75.7	76.4	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.9	77.0
GE 1000	70.9	73.7	75.8	76.7	77.9	77.9	78.7	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.2	79.3
GE 900	72.0	74.9	77.2	78.3	79.5	79.6	80.4	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.9	81.0
GE 800	73.2	76.3	78.9	80.1	81.5	81.6	82.7	82.8	83.0	83.0	83.0	83.0	83.0	83.0	83.2	83.3
GE 700	73.5	77.2	79.9	81.2	82.8	83.0	84.2	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.7	84.8
GE 600	73.8	77.8	80.7	82.5	85.0	85.1	86.4	86.5	86.7	86.8	86.8	86.8	86.8	86.8	87.0	87.1
GE 500	75.0	79.0	82.1	83.9	87.4	87.7	89.6	90.0	90.2	90.5	90.5	90.5	90.5	90.5	90.7	90.8
GE 400	75.2	79.3	82.5	84.8	88.5	89.3	91.6	92.3	92.6	93.0	93.3	93.3	93.3	93.3	93.4	93.6
GE 300	75.2	79.6	83.0	85.3	89.3	90.0	92.3	93.3	93.7	94.2	95.1	95.1	95.6	95.6	96.2	96.5
GE 200	75.2	79.6	83.0	85.3	89.3	90.0	92.3	93.6	94.2	94.9	96.3	96.3	97.2	97.2	98.2	98.8
GE 100	75.2	79.6	83.0	85.3	89.3	90.0	92.3	93.6	94.2	94.9	96.3	96.3	97.4	97.4	98.5	99.7
GE 000	75.2	79.6	83.0	85.3	89.3	90.0	92.3	93.6	94.2	94.9	96.3	96.3	97.4	97.4	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS 653

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: FEB HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	38.7	39.3	39.6	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8
GE 20000	45.8	46.5	47.1	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
GE 18000	45.8	46.5	47.1	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
GE 16000	45.8	46.5	47.1	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
GE 14000	45.8	46.5	47.1	47.5	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
GE 12000	46.8	47.5	48.1	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
GE 10000	48.9	49.6	50.2	50.7	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
GE 9000	49.3	49.9	50.6	51.1	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
GE 8000	51.1	51.7	52.4	52.9	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
GE 7000	52.0	52.7	53.3	53.8	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
GE 6000	52.4	53.0	53.7	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
GE 5000	53.0	54.0	54.6	55.1	55.3	55.3	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
GE 4500	53.2	54.2	55.0	55.5	55.6	55.6	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
GE 4000	55.1	56.4	57.3	57.9	58.1	58.1	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
GE 3500	56.4	57.9	58.7	59.4	59.5	59.5	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
GE 3000	58.9	60.5	61.7	62.3	62.6	62.6	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
GE 2500	61.2	62.8	64.3	65.3	65.7	65.7	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 2000	66.4	68.5	70.0	71.1	71.6	71.6	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 1800	66.7	68.8	70.3	71.5	71.9	71.9	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 1500	69.8	72.1	73.7	74.9	75.7	75.7	76.0	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
GE 1200	71.1	73.7	76.0	77.3	78.5	78.5	78.8	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 1000	71.5	74.1	77.0	78.6	80.1	80.1	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 900	71.9	74.9	77.8	79.4	80.9	81.1	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 800	72.6	76.0	79.0	80.6	82.1	82.4	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 700	73.2	76.7	80.4	82.2	83.8	84.2	84.8	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.2	85.2
GE 600	73.4	77.2	81.2	83.5	85.8	86.1	87.1	87.9	87.9	87.9	87.9	87.9	87.9	87.9	88.1	88.1
GE 500	73.9	78.0	82.1	84.8	87.6	88.1	90.0	91.0	91.0	91.0	91.2	91.2	91.2	91.2	91.5	91.7
GE 400	73.9	78.6	82.7	85.8	89.1	90.0	93.5	95.1	95.3	95.3	95.6	95.6	95.6	95.6	95.9	96.1
GE 300	73.9	78.6	82.7	85.8	89.1	90.0	93.5	95.1	95.3	95.6	96.6	96.6	97.6	97.6	98.5	98.7
GE 200	73.9	78.6	82.7	85.8	89.1	90.0	93.5	95.3	95.4	95.8	96.9	96.9	98.0	98.0	99.5	100.0
GE 100	73.9	78.6	82.7	85.8	89.1	90.0	93.5	95.3	95.4	95.8	96.9	96.9	98.0	98.0	99.5	100.0
GE 000	73.9	78.6	82.7	85.8	89.1	90.0	93.5	95.3	95.4	95.8	96.9	96.9	98.0	98.0	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 613

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: FEB HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
GE 20000	50.5	50.5	50.5	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
GE 18000	50.7	50.7	50.7	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
GE 16000	50.7	50.7	50.7	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
GE 14000	50.7	50.7	50.7	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
GE 12000	52.8	52.8	52.8	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
GE 10000	55.9	55.9	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
GE 9000	55.9	55.9	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
GE 8000	56.8	56.8	56.8	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
GE 7000	58.0	58.1	58.1	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
GE 6000	59.0	59.1	59.1	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
GE 5000	59.6	59.8	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
GE 4500	60.9	61.1	61.2	61.4	61.4	61.4	61.4	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
GE 4000	63.2	63.5	63.7	63.8	63.8	63.8	63.8	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
GE 3500	64.8	65.1	65.5	65.6	65.6	65.6	65.6	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 3000	70.2	70.5	71.0	71.2	71.2	71.2	71.2	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
GE 2500	73.8	74.1	74.6	74.8	74.8	74.8	74.8	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 2000	77.5	78.2	78.7	78.8	79.0	79.0	79.0	79.3	79.3	79.3	79.3	79.5	79.5	79.5	79.5	79.5
GE 1800	78.0	78.7	79.2	79.3	79.5	79.5	79.5	79.8	79.8	79.8	80.0	80.0	80.0	80.0	80.0	80.0
GE 1500	80.0	80.8	81.4	81.8	82.1	82.1	82.1	82.4	82.4	82.4	82.6	82.6	82.6	82.6	82.6	82.6
GE 1200	81.4	82.4	83.2	83.6	83.9	83.9	84.4	84.7	84.7	84.7	84.9	84.9	84.9	84.9	84.9	84.9
GE 1000	81.9	82.9	83.9	84.4	84.7	84.7	85.2	85.7	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8
GE 900	82.7	84.4	85.3	85.8	86.2	86.6	87.5	87.9	87.9	87.9	88.1	88.1	88.1	88.1	88.1	88.1
GE 800	83.1	84.7	85.8	86.5	87.0	87.5	88.8	89.3	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4
GE 700	83.7	85.5	86.8	87.5	87.9	88.4	89.9	90.7	90.7	90.7	90.9	90.9	90.9	90.9	90.9	90.9
GE 600	84.2	86.2	87.5	88.3	88.9	89.4	91.0	92.0	92.0	92.0	92.2	92.2	92.2	92.2	92.2	92.2
GE 500	84.7	87.3	88.9	89.9	91.5	92.3	94.6	95.8	95.8	96.4	96.6	96.6	96.6	96.6	96.6	96.6
GE 400	84.7	87.5	89.4	90.4	92.0	93.3	96.1	98.0	98.0	98.7	98.9	98.9	98.9	98.9	98.9	98.9
GE 300	84.7	87.5	89.4	90.4	92.0	93.3	96.1	98.0	98.0	98.7	99.0	99.0	99.0	99.0	99.5	99.5
GE 200	84.7	87.5	89.4	90.4	92.0	93.3	96.1	98.0	98.0	98.7	99.0	99.0	99.0	99.0	100.0	100.0
GE 100	84.7	87.5	89.4	90.4	92.0	93.3	96.1	98.0	98.0	98.7	99.0	99.0	99.0	99.0	100.0	100.0
GE 000	84.7	87.5	89.4	90.4	92.0	93.3	96.1	98.0	98.0	98.7	99.0	99.0	99.0	99.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 614

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: FEB HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
GE 20000	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
GE 18000	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
GE 16000	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
GE 14000	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
GE 12000	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 10000	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
GE 9000	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
GE 8000	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
GE 7000	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
GE 6000	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
GE 5000	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 4500	65.0	65.1	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 4000	67.3	67.4	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 3500	70.5	70.9	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
GE 3000	74.3	74.6	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
GE 2500	77.7	78.1	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 2000	80.9	81.3	82.2	82.2	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
GE 1800	81.2	81.7	82.5	82.5	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 1500	83.1	83.6	84.8	85.1	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.9
GE 1200	84.8	85.8	86.9	87.4	88.1	88.2	88.2	88.2	88.2	88.2	88.4	88.4	88.4	88.4	88.4	88.5
GE 1000	85.3	86.6	87.9	88.5	89.2	89.4	89.4	89.5	89.5	89.5	89.7	89.7	89.7	89.7	89.7	89.9
GE 900	85.9	87.2	88.5	89.2	89.9	90.0	90.0	90.7	90.7	90.7	90.8	90.8	90.8	90.8	90.8	91.0
GE 800	86.3	87.6	88.9	89.5	90.2	90.3	90.3	91.0	91.0	91.0	91.2	91.2	91.2	91.2	91.2	91.5
GE 700	86.7	88.1	89.4	90.0	90.7	90.8	90.8	91.5	91.5	91.5	91.7	91.7	91.7	91.7	91.7	92.0
GE 600	86.7	88.1	89.5	90.7	91.5	91.7	91.7	92.3	92.3	92.3	92.5	92.5	92.5	92.5	92.5	92.8
GE 500	86.7	88.2	89.9	91.2	92.8	93.0	93.5	94.1	94.1	94.1	94.4	94.4	94.9	94.9	94.9	95.3
GE 400	86.7	88.2	89.9	91.5	93.3	93.5	94.6	95.7	95.7	96.4	96.7	96.7	97.2	97.2	97.2	97.5
GE 300	86.7	88.2	89.9	91.5	93.3	93.5	94.9	96.4	96.7	97.4	98.2	98.4	98.9	98.9	98.9	99.2
GE 200	86.7	88.2	89.9	91.5	93.3	93.5	94.9	96.4	96.7	97.4	98.2	98.4	98.9	98.9	99.3	99.8
GE 100	86.7	88.2	89.9	91.5	93.3	93.5	94.9	96.4	96.7	97.4	98.2	98.4	98.9	98.9	99.5	100.0
GE 000	86.7	88.2	89.9	91.5	93.3	93.5	94.9	96.4	96.7	97.4	98.2	98.4	98.9	98.9	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 611

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: FEB HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	49.5	49.5	49.5	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
GE 20000	61.0	61.0	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
GE 18000	61.8	61.8	61.8	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
GE 16000	61.8	61.8	61.8	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
GE 14000	62.6	62.6	62.6	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
GE 12000	63.9	63.9	63.9	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 10000	66.1	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
GE 9000	66.6	66.6	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 8000	66.6	66.6	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 7000	67.5	67.5	67.5	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 6000	68.0	68.0	68.0	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
GE 5000	69.2	69.2	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
GE 4500	71.3	71.3	71.3	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
GE 4000	72.8	73.1	73.1	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 3500	74.3	75.1	75.2	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 3000	76.4	77.2	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 2500	77.5	78.4	78.5	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE 2000	80.8	81.8	82.1	82.3	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 1800	80.8	81.8	82.1	82.3	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 1500	83.3	84.3	84.9	85.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.6	86.6	86.6	86.6	86.6
GE 1200	84.1	85.1	85.7	86.4	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.9	87.9	87.9	87.9	87.9
GE 1000	84.4	85.6	86.2	86.9	88.4	88.4	88.5	88.9	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0
GE 900	84.6	85.7	86.4	87.0	88.5	88.5	88.9	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8
GE 800	84.6	85.7	86.6	87.2	88.7	88.7	89.0	90.0	90.0	90.0	90.2	90.2	90.2	90.2	90.2	90.2
GE 700	84.9	86.1	86.9	87.7	89.3	89.5	89.8	91.1	91.1	91.1	91.3	91.3	91.3	91.3	91.3	91.3
GE 600	85.4	86.6	87.4	88.5	90.2	90.3	90.7	92.0	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1
GE 500	85.4	86.9	88.4	89.5	91.6	91.8	92.5	93.9	93.9	93.9	94.1	94.1	94.1	94.1	94.1	94.1
GE 400	85.4	87.0	88.9	90.5	92.8	93.0	94.1	95.6	95.6	95.6	95.9	96.1	96.1	96.1	96.1	96.1
GE 300	85.6	87.2	89.5	91.1	93.4	93.6	95.2	96.7	96.9	97.2	98.2	98.4	98.4	98.4	98.5	98.5
GE 200	85.6	87.2	89.5	91.1	93.4	93.6	95.4	96.9	97.0	97.4	98.7	98.9	98.9	99.0	99.3	99.3
GE 100	85.6	87.2	89.5	91.1	93.4	93.6	95.4	96.9	97.0	97.4	98.7	98.9	98.9	99.0	99.3	99.8
GE 000	85.6	87.2	89.5	91.1	93.4	93.6	95.4	96.9	97.0	97.4	98.7	98.9	98.9	99.0	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 610

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: FEB HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	58.4	58.4	58.6	58.7	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
GE 20000	63.6	63.6	63.8	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 18000	63.8	63.8	64.0	64.1	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
GE 16000	63.8	63.8	64.0	64.1	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
GE 14000	64.1	64.1	64.3	64.5	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
GE 12000	65.4	65.4	65.6	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 10000	67.9	67.9	68.1	68.3	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
GE 9000	68.3	68.3	68.5	68.6	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE 8000	68.5	68.5	68.6	68.8	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 7000	69.4	69.4	69.5	69.7	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 6000	70.5	70.5	70.6	70.8	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE 5000	71.2	71.2	71.4	71.5	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 4500	71.9	71.9	72.1	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 4000	73.7	73.9	74.1	74.2	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 3500	74.8	75.1	75.3	75.5	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 3000	76.2	76.8	76.9	77.1	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 2500	76.6	77.1	77.3	77.5	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 2000	79.6	80.4	80.7	81.8	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 1800	80.2	80.9	81.3	82.3	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
GE 1500	82.2	83.8	84.1	85.2	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 1200	83.1	84.7	85.0	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
GE 1000	83.4	85.0	85.4	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 900	83.8	85.4	85.8	87.0	87.2	87.2	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 800	84.5	86.3	87.0	88.3	88.5	88.5	88.6	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 700	84.5	86.3	87.2	88.6	88.8	89.4	89.5	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 600	85.0	87.4	88.3	89.7	89.9	90.5	90.6	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 500	86.1	88.6	89.5	91.5	91.7	92.3	92.4	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 400	86.5	89.7	91.4	93.5	93.7	94.2	94.4	94.8	94.8	94.8	95.0	95.0	95.0	95.0	95.0	95.0
GE 300	86.5	89.7	92.1	94.2	94.4	95.0	95.5	95.9	95.9	95.9	96.4	96.4	96.4	96.4	96.8	96.8
GE 200	86.7	89.9	92.3	94.4	94.6	95.1	95.7	96.0	96.0	96.2	96.9	96.9	96.9	97.3	98.4	98.9
GE 100	86.7	89.9	92.3	94.4	94.6	95.1	95.7	96.6	96.6	96.9	97.7	97.7	97.7	98.0	99.5	100.0
GE 000	86.7	89.9	92.3	94.4	94.6	95.1	95.7	96.6	96.6	96.9	97.7	97.7	97.7	98.0	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 555



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: FEB HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	46.8	47.2	47.4	47.5	47.6	47.6	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
GE 20000	53.9	54.3	54.6	54.7	54.8	54.8	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	55.0
GE 18000	54.1	54.5	54.8	55.0	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.2	55.2
GE 16000	54.1	54.5	54.8	55.0	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.2	55.2
GE 14000	54.3	54.7	55.0	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.4	55.4
GE 12000	55.4	55.8	56.1	56.3	56.4	56.4	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
GE 10000	57.7	58.2	58.5	58.6	58.7	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.9	58.9
GE 9000	58.0	58.4	58.7	58.9	59.0	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.2
GE 8000	58.7	59.2	59.5	59.7	59.8	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
GE 7000	59.7	60.2	60.5	60.7	60.8	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
GE 6000	60.3	60.8	61.1	61.3	61.4	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.6
GE 5000	61.1	61.6	62.0	62.2	62.3	62.3	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
GE 4500	61.9	62.4	62.9	63.1	63.2	63.2	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 4000	63.6	64.2	64.7	64.9	65.1	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.3	65.3
GE 3500	65.0	65.9	66.4	66.7	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.1	67.1
GE 3000	68.2	69.2	69.8	70.1	70.3	70.3	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
GE 2500	70.0	71.0	71.7	72.0	72.2	72.2	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 2000	73.3	74.5	75.3	75.7	76.1	76.1	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.4
GE 1800	73.5	74.8	75.5	76.0	76.4	76.4	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.7
GE 1500	76.2	77.8	78.7	79.3	79.8	79.8	80.0	80.1	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.2
GE 1200	78.1	80.0	81.1	81.7	82.4	82.5	82.7	82.8	82.8	82.8	82.9	82.9	82.9	82.9	82.9	83.0
GE 1000	78.9	80.9	82.3	83.1	83.9	84.0	84.2	84.4	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.6
GE 900	79.6	81.9	83.4	84.2	85.0	85.2	85.5	85.9	85.9	85.9	85.9	85.9	85.9	85.9	86.0	86.0
GE 800	80.2	82.6	84.3	85.2	86.1	86.2	86.7	87.1	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.3
GE 700	80.6	83.2	85.0	86.0	87.1	87.3	87.9	88.4	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.6
GE 600	80.9	83.7	85.7	87.0	88.4	88.6	89.3	89.8	89.9	89.9	90.0	90.0	90.0	90.0	90.1	90.1
GE 500	81.3	84.5	86.7	88.3	90.3	90.6	91.7	92.4	92.5	92.7	92.8	92.8	92.9	92.9	93.0	93.1
GE 400	81.5	85.0	87.5	89.4	91.5	92.1	93.8	94.8	94.9	95.3	95.5	95.5	95.5	95.6	95.7	95.8
GE 300	81.5	85.0	87.8	89.7	91.9	92.6	94.5	95.6	95.8	96.3	97.1	97.1	97.1	97.4	97.8	97.9
GE 200	81.5	85.1	87.9	89.7	92.0	92.6	94.5	95.7	96.0	96.6	97.5	97.5	98.0	98.1	98.9	99.3
GE 100	81.5	85.1	87.9	89.7	92.1	92.7	94.6	95.9	96.2	96.8	97.7	97.7	98.2	98.3	99.3	99.8
GE 000	81.5	85.1	87.9	89.7	92.1	92.7	94.6	95.9	96.2	96.8	97.7	97.7	98.2	98.3	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 4555

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: MAR HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
GE 20000	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
GE 18000	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
GE 16000	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
GE 14000	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
GE 12000	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 10000	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
GE 9000	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
GE 8000	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
GE 7000	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE 6000	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE 5000	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE 4500	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE 4000	70.2	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 3500	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
GE 3000	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 2500	72.4	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 2000	79.2	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 1800	80.4	81.6	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 1500	84.1	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 1200	85.7	87.8	88.0	88.0	88.0	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 1000	86.7	89.4	89.6	89.6	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 900	87.8	90.4	91.0	91.0	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 800	87.8	91.2	91.8	91.8	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 700	88.2	91.8	92.4	92.4	92.4	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 600	89.6	93.5	94.3	94.3	94.3	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 500	89.8	94.1	94.9	95.1	95.1	95.7	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 400	89.8	94.7	96.1	96.3	96.3	97.1	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 300	89.8	94.7	96.3	96.5	96.5	97.3	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 200	89.8	94.7	96.3	96.5	96.5	97.3	98.2	98.2	98.4	98.6	98.6	98.6	98.8	98.8	99.0	99.0
GE 100	89.8	94.7	96.3	96.5	96.5	97.3	98.2	98.8	99.0	99.2	99.2	99.2	99.4	99.4	99.6	100.0
GE 000	89.8	94.7	96.3	96.5	96.5	97.3	98.2	98.8	99.0	99.2	99.2	99.2	99.4	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 490

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: MAR HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	53.6	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
GE 20000	57.9	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
GE 18000	58.1	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
GE 16000	58.1	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
GE 14000	58.1	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
GE 12000	59.1	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 10000	61.1	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
GE 9000	61.1	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
GE 8000	62.6	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
GE 7000	63.2	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 6000	63.8	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
GE 5000	63.8	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
GE 4500	64.2	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 4000	66.5	67.1	67.3	67.3	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
GE 3500	67.7	68.3	68.5	68.5	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE 3000	69.1	69.7	69.9	69.9	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 2500	70.1	70.8	71.0	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
GE 2000	72.8	73.6	73.8	73.8	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 1800	74.2	75.7	75.9	75.9	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 1500	78.5	80.4	80.8	81.2	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 1200	82.4	84.5	84.9	85.3	85.9	85.9	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 1000	84.0	86.1	86.7	87.1	87.7	87.7	87.7	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
GE 900	85.3	87.5	88.8	89.2	89.8	89.8	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 800	85.7	88.8	90.4	90.8	91.4	91.4	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 700	86.5	90.0	92.0	92.4	93.0	93.0	93.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 600	86.7	91.2	93.5	94.1	94.7	94.7	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 500	86.9	91.6	93.9	94.7	95.5	95.5	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 400	86.9	91.8	94.5	95.9	96.9	97.1	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 300	86.9	91.8	94.5	95.9	96.9	97.1	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 200	86.9	91.8	94.5	95.9	96.9	97.1	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.8	98.8	98.8
GE 100	86.9	91.8	94.5	95.9	96.9	97.1	97.8	98.4	98.4	98.4	98.4	98.4	98.4	99.0	99.2	99.8
GE 000	86.9	91.8	94.5	95.9	96.9	97.1	97.8	98.4	98.4	98.4	98.4	98.4	98.4	99.0	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 489

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: MAR HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	38.0	39.6	40.3	40.6	41.0	41.1	41.4	41.4	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
GE 20000	44.1	45.8	46.7	47.3	47.7	47.8	48.1	48.1	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
GE 18000	44.1	45.8	46.7	47.3	47.7	47.8	48.1	48.1	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
GE 16000	44.1	45.8	46.7	47.3	47.7	47.8	48.1	48.1	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
GE 14000	44.1	45.8	46.7	47.3	47.7	47.8	48.1	48.1	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
GE 12000	44.4	46.0	47.0	47.5	48.0	48.1	48.4	48.4	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
GE 10000	46.0	47.7	48.6	49.2	49.6	49.7	50.0	50.0	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
GE 9000	46.3	48.0	48.9	49.5	49.9	50.0	50.3	50.3	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
GE 8000	47.5	49.2	50.1	50.7	51.1	51.2	51.5	51.5	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
GE 7000	47.7	49.3	50.3	50.8	51.2	51.4	51.8	51.8	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
GE 6000	49.3	51.0	51.9	52.5	52.9	53.0	53.4	53.4	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
GE 5000	51.2	52.9	53.8	54.4	54.9	55.1	55.5	55.5	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
GE 4500	51.9	53.7	54.6	55.2	55.7	55.9	56.3	56.3	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
GE 4000	53.1	54.9	56.0	56.6	57.1	57.2	57.7	57.7	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
GE 3500	55.2	57.0	58.1	58.6	59.2	59.3	59.7	59.7	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 3000	57.1	58.9	60.0	60.5	61.1	61.2	61.6	61.6	61.9	62.0	62.2	62.2	62.2	62.2	62.2	62.2
GE 2500	58.6	60.5	61.9	62.4	63.0	63.1	63.5	63.5	63.8	63.9	64.1	64.1	64.1	64.1	64.1	64.1
GE 2000	62.7	64.8	66.4	67.1	67.6	67.8	68.4	68.4	68.7	68.9	69.0	69.0	69.0	69.0	69.0	69.0
GE 1800	63.9	66.0	67.6	68.3	68.9	69.0	69.7	69.7	69.9	70.1	70.2	70.2	70.2	70.2	70.2	70.2
GE 1500	69.1	72.1	74.3	75.4	76.2	76.4	77.0	77.0	77.3	77.5	77.6	77.6	77.6	77.6	77.6	77.6
GE 1200	72.7	76.0	79.0	80.5	81.3	81.6	82.2	82.2	82.5	82.7	82.9	82.9	82.9	82.9	82.9	82.9
GE 1000	73.9	77.3	80.5	82.4	83.2	83.5	84.2	84.2	84.4	84.6	84.8	84.8	84.8	84.8	84.8	84.8
GE 900	75.1	79.1	83.3	85.2	86.1	86.3	87.0	87.0	87.3	87.4	87.8	87.8	87.8	87.8	87.8	87.8
GE 800	75.8	80.5	85.4	87.3	88.4	88.7	89.5	89.5	89.8	90.0	90.4	90.4	90.4	90.6	90.6	90.6
GE 700	76.6	81.6	86.6	88.7	89.8	90.0	91.1	91.1	91.4	91.7	92.1	92.1	92.1	92.2	92.2	92.2
GE 600	76.6	82.1	87.8	90.2	91.7	91.9	93.0	93.0	93.3	93.6	94.0	94.0	94.0	94.1	94.1	94.1
GE 500	76.6	82.2	88.0	90.4	92.1	92.3	93.7	93.9	94.1	94.4	94.8	94.8	94.8	94.9	94.9	94.9
GE 400	76.6	82.2	88.1	90.6	93.2	93.6	94.9	95.1	95.4	95.9	96.3	96.3	96.7	96.9	96.9	96.9
GE 300	76.6	82.2	88.3	90.7	93.3	93.7	95.1	95.5	95.8	96.9	97.5	97.7	98.2	98.4	98.4	98.4
GE 200	76.6	82.2	88.3	90.7	93.3	93.7	95.1	95.5	95.9	97.1	98.2	98.4	99.0	99.2	99.3	99.3
GE 100	76.6	82.2	88.3	90.7	93.3	93.7	95.1	95.5	95.9	97.1	98.2	98.4	99.0	99.2	99.6	100.0
GE 000	76.6	82.2	88.3	90.7	93.3	93.7	95.1	95.5	95.9	97.1	98.2	98.4	99.0	99.2	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 732

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: MAR HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	39.7	40.7	41.0	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1
GE 20000	47.5	48.7	49.1	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
GE 18000	47.7	48.8	49.3	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
GE 16000	47.7	48.8	49.3	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
GE 14000	47.7	48.8	49.3	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
GE 12000	48.3	49.4	49.9	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
GE 10000	50.1	51.3	51.7	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
GE 9000	50.6	51.7	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
GE 8000	52.3	53.6	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
GE 7000	53.8	55.1	55.5	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
GE 6000	54.9	56.3	56.7	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
GE 5000	56.8	58.1	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
GE 4500	57.6	58.9	59.3	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
GE 4000	58.3	59.6	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
GE 3500	59.2	60.5	61.0	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
GE 3000	61.0	62.6	63.4	63.5	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 2500	63.2	65.0	65.8	66.1	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 2000	69.6	71.9	73.1	73.4	73.8	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 1800	69.8	72.1	73.4	73.8	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 1500	75.3	78.6	80.7	81.4	81.8	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
GE 1200	78.2	82.0	84.2	85.2	85.8	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 1000	79.1	83.4	86.0	87.2	87.8	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 900	79.7	84.4	87.4	89.0	89.7	90.0	90.0	90.1	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 800	79.9	85.3	88.5	90.3	91.1	91.6	91.6	91.7	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 700	80.2	85.8	89.0	91.0	92.2	92.6	92.6	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 600	80.2	86.0	89.2	91.6	93.0	93.5	93.6	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 500	80.4	86.6	90.4	93.0	94.8	95.5	95.9	96.4	96.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 400	80.4	86.9	90.7	93.3	95.2	95.9	96.7	97.4	97.5	98.0	98.4	98.4	98.4	98.5	98.5	98.5
GE 300	80.4	86.9	90.7	93.3	95.3	96.1	96.8	97.5	97.7	98.3	99.0	99.0	99.1	99.3	99.4	99.4
GE 200	80.4	86.9	90.7	93.3	95.3	96.1	96.8	97.5	97.7	98.3	99.0	99.0	99.1	99.3	99.7	99.7
GE 100	80.4	86.9	90.7	93.3	95.3	96.1	96.8	97.5	97.7	98.3	99.0	99.0	99.3	99.4	100.0	100.0
GE 000	80.4	86.9	90.7	93.3	95.3	96.1	96.8	97.5	97.7	98.3	99.0	99.0	99.3	99.4	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 688

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: MAR HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
GE 20000	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
GE 18000	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
GE 16000	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
GE 14000	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
GE 12000	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
GE 10000	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
GE 9000	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
GE 8000	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
GE 7000	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
GE 6000	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
GE 5000	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 4500	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
GE 4000	66.5	66.5	66.5	66.5	66.6	66.6	66.6	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 3500	69.1	69.4	69.4	69.4	69.5	69.5	69.5	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 3000	73.6	74.2	74.2	74.3	74.6	74.6	74.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 2500	77.3	78.0	78.6	78.7	79.0	79.0	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 2000	84.3	85.0	85.6	85.9	86.2	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 1800	85.0	85.9	86.4	86.7	87.0	87.0	87.0	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 1500	88.0	89.1	89.7	89.9	90.2	90.2	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 1200	90.1	91.1	91.8	92.4	92.7	92.7	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 1000	90.8	91.8	92.6	93.3	93.6	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 900	91.1	92.4	93.4	94.3	94.6	94.6	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 800	91.3	92.7	94.0	94.9	95.2	95.3	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 700	91.3	93.3	94.8	95.6	96.1	96.2	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 600	91.3	93.3	94.9	96.1	96.6	96.8	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 500	91.4	93.6	95.2	96.6	97.2	97.5	97.5	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 400	91.4	93.6	95.2	96.6	97.2	97.5	98.0	98.4	98.4	98.7	98.8	98.8	98.8	98.8	98.8	98.8
GE 300	91.4	93.6	95.2	96.6	97.4	97.7	98.1	98.5	98.5	99.1	99.4	99.4	99.6	99.6	99.6	99.6
GE 200	91.4	93.6	95.2	96.6	97.4	97.7	98.1	98.5	98.5	99.1	99.4	99.4	99.6	99.6	99.6	99.6
GE 100	91.4	93.6	95.2	96.6	97.4	97.7	98.1	98.5	98.5	99.1	99.4	99.4	99.6	99.6	99.7	100.0
GE 000	91.4	93.6	95.2	96.6	97.4	97.7	98.1	98.5	98.5	99.1	99.4	99.4	99.6	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 686

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: MAR HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	47.7	48.0	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
GE 20000	58.0	58.4	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
GE 18000	58.0	58.4	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
GE 16000	58.0	58.4	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
GE 14000	58.4	58.8	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
GE 12000	59.4	59.9	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
GE 10000	62.0	62.5	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
GE 9000	62.6	63.1	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
GE 8000	65.8	66.4	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 7000	66.9	67.4	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
GE 6000	67.4	68.0	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
GE 5000	68.6	69.2	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE 4500	69.6	70.2	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 4000	73.4	74.0	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 3500	76.6	77.4	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 3000	80.9	81.8	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 2500	85.3	86.1	86.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 2000	89.3	90.4	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 1800	89.5	90.5	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 1500	91.2	92.7	93.6	93.7	93.7	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 1200	91.8	93.3	94.2	94.3	94.3	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.6	94.6	94.6
GE 1000	92.1	93.9	95.2	95.3	95.3	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.8	95.8	95.8
GE 900	92.3	94.2	95.5	95.6	95.8	95.8	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.4	96.4	96.4
GE 800	92.3	94.3	95.6	95.8	95.9	95.9	96.4	96.4	96.4	96.4	96.4	96.4	96.5	96.5	96.5	96.5
GE 700	92.6	94.6	96.1	96.8	96.9	96.9	97.4	97.4	97.4	97.4	97.4	97.4	97.5	97.5	97.5	97.5
GE 600	92.6	94.9	96.4	97.1	97.5	97.5	98.0	98.0	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.1
GE 500	92.6	94.9	96.4	97.1	97.5	97.7	98.7	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8
GE 400	92.6	94.9	96.4	97.1	97.5	97.7	98.7	98.8	99.0	99.1	99.1	99.1	99.3	99.3	99.3	99.3
GE 300	92.6	94.9	96.4	97.1	97.7	97.8	98.8	99.3	99.4	99.6	99.7	99.7	99.9	99.9	99.9	99.9
GE 200	92.6	94.9	96.4	97.1	97.7	97.8	98.8	99.3	99.4	99.6	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	92.6	94.9	96.4	97.1	97.7	97.8	98.8	99.3	99.4	99.6	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	92.6	94.9	96.4	97.1	97.7	97.8	98.8	99.3	99.4	99.6	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 685

OPERATING LOCATION "A"  
URAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: BOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: MAR HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	52.7	53.0	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.4	53.4	53.4	53.4	53.4	53.4	53.4
GE 20000	62.9	63.2	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.6	63.6	63.6	63.6	63.6	63.6	63.6
GE 18000	62.9	63.2	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.6	63.6	63.6	63.6	63.6	63.6	63.6
GE 16000	62.9	63.2	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.6	63.6	63.6	63.6	63.6	63.6	63.6
GE 14000	63.9	64.2	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6
GE 12000	64.9	65.2	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 10000	67.5	67.8	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 9000	68.0	68.3	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE 8000	71.5	71.8	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 7000	72.8	73.1	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5
GE 6000	73.7	73.9	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 5000	74.4	74.7	75.0	75.3	75.3	75.3	75.3	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 4500	75.8	76.1	76.7	77.0	77.0	77.1	77.1	77.1	77.1	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 4000	78.3	78.9	79.5	79.8	79.8	79.9	79.9	79.9	79.9	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 3500	79.9	80.6	81.4	82.0	82.0	82.1	82.1	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 3000	82.2	83.1	83.8	84.4	84.4	84.6	84.6	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 2500	83.6	84.6	85.3	85.9	85.9	86.0	86.0	86.0	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 2000	86.9	88.5	89.5	90.1	90.1	90.2	90.2	90.2	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 1800	87.5	89.1	90.1	90.7	90.7	90.8	90.8	90.8	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 1500	89.5	91.4	92.6	93.2	93.3	93.4	93.4	93.4	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6
GE 1200	89.8	91.8	93.2	93.9	94.3	94.5	94.5	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 1000	90.1	92.4	93.7	94.6	95.2	95.3	95.3	95.3	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 900	90.4	92.7	94.0	94.9	95.5	95.6	95.6	95.6	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 800	90.4	93.0	94.3	95.3	95.9	96.1	96.2	96.2	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 700	90.5	93.2	94.5	95.5	96.1	96.2	96.4	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 600	90.8	93.7	95.1	96.1	96.7	96.8	96.9	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 500	91.1	94.0	95.3	96.4	97.1	97.7	98.0	98.4	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 400	91.1	94.0	95.3	96.4	97.1	97.7	98.0	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 300	91.1	94.0	95.3	96.5	97.2	97.8	98.1	99.1	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 200	91.3	94.2	95.5	96.7	97.4	98.0	98.3	99.3	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	91.3	94.2	95.5	95.7	97.4	98.0	98.3	99.3	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	91.3	94.2	95.5	96.7	97.4	98.0	98.3	99.3	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 687



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: MAR HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	59.3	59.6	59.9	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
GE 20000	66.7	67.0	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
GE 18000	66.9	67.2	67.5	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 16000	66.9	67.2	67.5	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 14000	67.5	67.9	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 12000	67.7	68.0	68.3	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
GE 10000	69.6	70.0	70.3	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
GE 9000	70.6	70.9	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 8000	71.8	72.6	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 7000	71.9	72.7	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 6000	72.6	73.4	73.7	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 5000	72.9	73.7	74.0	74.2	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 4500	73.5	74.4	74.7	74.8	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
GE 4000	74.8	75.8	76.1	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 3500	76.3	77.3	77.6	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
GE 3000	78.1	79.1	79.4	79.5	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 2500	79.4	80.4	80.7	80.8	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 2000	83.6	85.4	85.7	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 1800	83.6	85.4	85.7	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 1500	85.7	87.8	88.3	88.5	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 1200	88.6	91.4	91.9	92.4	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 1000	89.6	92.5	93.2	93.8	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 900	90.6	93.7	94.5	95.1	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 800	90.7	93.8	94.6	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 700	91.1	94.2	95.1	95.9	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 600	91.1	94.2	95.1	96.1	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 500	91.6	94.8	95.8	96.9	97.4	97.6	97.6	97.6	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 400	91.9	95.3	96.3	97.6	98.2	98.7	99.0	99.0	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 300	91.9	95.5	96.4	97.7	98.4	98.9	99.4	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 200	91.9	95.6	96.6	97.9	98.5	99.0	99.5	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	91.9	95.6	96.6	97.9	98.5	99.0	99.5	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	91.9	95.6	96.6	97.9	98.5	99.0	99.5	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 616

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: MAR HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	48.3	48.8	49.1	49.2	49.2	49.2	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
GE 20000	56.1	56.7	57.1	57.2	57.2	57.3	57.3	57.3	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4
GE 18000	56.2	56.8	57.1	57.2	57.3	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
GE 16000	56.2	56.8	57.1	57.2	57.3	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
GE 14000	56.5	57.1	57.5	57.6	57.7	57.7	57.7	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 12000	57.3	57.9	58.2	58.3	58.4	58.4	58.4	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
GE 10000	59.5	60.0	60.4	60.5	60.6	60.6	60.6	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
GE 9000	59.9	60.5	60.9	61.0	61.0	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
GE 8000	62.0	62.7	63.0	63.2	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
GE 7000	62.8	63.5	63.9	64.0	64.0	64.1	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
GE 6000	63.7	64.4	64.7	64.9	64.9	64.9	65.0	65.0	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 5000	64.7	65.4	65.7	65.9	66.0	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 4500	65.4	66.1	66.5	66.7	66.8	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
GE 4000	67.4	68.1	68.6	68.8	68.9	68.9	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 3500	69.2	70.0	70.5	70.7	70.8	70.9	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE 3000	71.6	72.6	73.1	73.3	73.5	73.6	73.6	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 2500	73.7	74.8	75.4	75.7	75.9	76.0	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 2000	78.5	80.0	80.8	81.1	81.3	81.4	81.5	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 1800	79.2	80.7	81.5	81.9	82.1	82.2	82.3	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 1500	82.6	84.7	85.8	86.2	86.6	86.6	86.7	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 1200	84.8	87.1	88.4	89.0	89.4	89.5	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 1000	85.7	88.3	89.7	90.5	90.9	91.0	91.1	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 900	86.4	89.2	91.0	91.8	92.3	92.4	92.5	92.6	92.6	92.7	92.8	92.8	92.8	92.8	92.8	92.8
GE 800	86.6	89.8	91.8	92.7	93.2	93.4	93.6	93.6	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 700	87.0	90.4	92.5	93.6	94.1	94.3	94.5	94.6	94.6	94.7	94.8	94.8	94.8	94.8	94.8	94.8
GE 600	87.1	90.9	93.2	94.4	95.1	95.3	95.6	95.7	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9
GE 500	87.3	91.2	93.6	95.0	95.8	96.2	96.6	96.8	96.9	97.1	97.1	97.1	97.1	97.2	97.2	97.2
GE 400	87.4	91.4	93.9	95.3	96.4	96.8	97.5	97.9	98.0	98.2	98.4	98.4	98.5	98.5	98.5	98.5
GE 300	87.4	91.4	93.9	95.4	96.5	97.0	97.7	98.1	98.3	98.7	99.0	99.0	99.1	99.2	99.2	99.2
GE 200	87.4	91.5	94.0	95.5	96.6	97.0	97.8	98.2	98.4	98.8	99.2	99.2	99.4	99.5	99.6	99.6
GE 100	87.4	91.5	94.0	95.5	96.6	97.0	97.8	98.3	98.5	98.9	99.3	99.3	99.5	99.6	99.8	100.0
GE 000	87.4	91.5	94.0	95.5	96.6	97.0	97.8	98.3	98.5	98.9	99.3	99.3	99.5	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 5073

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: APR HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	55.4	56.1	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
GE 20000	61.1	61.9	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
GE 18000	61.1	61.9	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
GE 16000	61.1	61.9	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
GE 14000	61.1	61.9	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
GE 12000	61.9	62.8	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
GE 10000	62.8	63.6	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
GE 9000	62.8	63.6	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
GE 8000	63.8	64.6	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 7000	66.1	66.9	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
GE 6000	66.1	66.9	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
GE 5000	66.3	67.2	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 4500	66.5	67.4	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 4000	68.4	69.2	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 3500	70.3	71.1	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
GE 3000	71.5	72.4	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
GE 2500	72.2	73.0	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 2000	76.4	78.7	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 1800	77.2	79.5	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 1500	81.8	84.5	84.9	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 1200	85.8	88.7	89.3	89.3	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 1000	87.0	90.0	90.8	91.0	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 900	88.3	91.4	92.3	92.7	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 800	89.3	92.7	93.5	93.9	94.1	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 700	89.7	93.1	93.9	94.4	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 600	90.4	93.9	94.8	95.2	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 500	90.6	94.4	95.2	95.8	96.7	96.9	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 400	90.6	94.4	95.2	95.8	96.9	97.1	97.9	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 300	90.6	94.4	95.2	95.8	97.1	97.3	98.1	98.3	98.5	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 200	90.6	94.4	95.4	96.0	97.3	97.5	98.3	98.5	98.7	99.4	99.4	99.4	99.6	99.6	99.6	99.6
GE 100	90.6	94.4	95.4	96.0	97.3	97.5	98.3	98.7	99.0	99.6	99.6	99.6	99.8	99.8	99.8	100.0
GE 000	90.6	94.4	95.4	96.0	97.3	97.5	98.3	98.7	99.0	99.6	99.6	99.6	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 478

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: APR HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	48.9	50.5	50.7	50.7	50.7	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
GE 20000	53.8	55.6	56.0	56.0	56.0	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
GE 18000	53.8	55.6	56.0	56.0	56.0	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
GE 16000	54.0	55.8	56.2	56.2	56.2	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
GE 14000	54.2	56.0	56.4	56.4	56.4	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
GE 12000	54.4	56.2	56.6	56.6	56.6	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
GE 10000	55.2	57.1	57.5	57.5	57.5	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
GE 9000	55.4	57.3	57.7	57.7	57.7	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
GE 8000	56.4	58.3	58.9	58.9	58.9	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
GE 7000	57.9	59.7	60.3	60.3	60.3	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
GE 6000	57.9	59.7	60.3	60.3	60.3	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
GE 5000	57.9	59.7	60.3	60.3	60.3	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
GE 4500	58.1	59.9	60.5	60.5	60.5	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
GE 4000	59.7	62.0	62.6	62.6	62.6	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
GE 3500	61.1	63.6	64.2	64.2	64.2	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
GE 3000	62.2	64.8	65.4	65.4	65.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 2500	64.4	67.1	67.7	67.7	67.7	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
GE 2000	69.1	72.6	73.2	73.2	73.2	73.4	73.6	73.6	73.6	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 1800	69.9	73.4	74.0	74.0	74.0	74.2	74.4	74.4	74.4	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 1500	74.0	77.7	78.5	78.5	78.5	78.7	78.9	78.9	78.9	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 1200	80.0	83.6	84.5	84.5	84.5	84.7	84.9	84.9	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 1000	82.0	86.3	87.3	87.3	87.3	87.5	87.7	87.7	87.7	87.9	87.9	87.9	87.9	87.9	87.9	87.9
GE 900	83.4	88.3	89.4	89.6	89.6	89.8	90.0	90.0	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 800	84.0	89.6	90.6	91.0	91.0	91.2	91.4	91.4	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 700	85.3	90.8	91.8	92.6	92.6	92.8	93.0	93.0	93.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 600	86.1	91.8	92.8	93.7	93.9	94.1	94.3	94.3	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 500	86.7	92.4	93.5	94.5	94.7	94.9	95.1	95.1	95.1	95.3	95.5	95.5	95.7	95.7	95.7	95.7
GE 400	86.7	92.4	93.5	94.7	94.9	95.1	95.5	95.7	95.7	96.1	96.5	96.5	96.7	96.7	96.7	96.7
GE 300	86.7	92.4	93.5	94.7	94.9	95.1	95.5	95.7	96.3	96.9	97.3	97.3	97.5	97.5	98.0	98.0
GE 200	86.9	92.8	93.9	95.1	95.3	95.7	96.1	96.5	97.1	98.0	98.6	98.6	99.2	99.2	99.6	99.6
GE 100	86.9	92.8	93.9	95.1	95.3	95.7	96.1	96.5	97.1	98.0	98.6	98.6	99.2	99.2	99.8	99.8
GE 000	86.9	92.8	93.9	95.1	95.3	95.7	96.1	96.5	97.1	98.0	98.6	98.6	99.2	99.2	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 489

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: APR HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	41.2	43.1	43.7	44.5	45.7	45.8	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
GE 20000	46.0	48.0	48.7	49.6	50.7	50.9	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
GE 18000	46.0	48.0	48.7	49.6	50.7	50.9	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
GE 16000	46.0	48.0	48.7	49.6	50.7	50.9	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
GE 14000	46.0	48.0	48.7	49.6	50.7	50.9	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
GE 12000	46.4	48.4	49.1	50.0	51.1	51.3	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
GE 10000	47.4	49.4	50.1	51.1	52.3	52.4	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
GE 9000	47.6	49.6	50.3	51.3	52.4	52.6	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
GE 8000	49.3	51.3	52.0	53.2	54.3	54.5	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
GE 7000	50.7	52.7	53.4	54.6	55.7	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
GE 6000	51.6	53.6	54.3	55.5	56.6	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
GE 5000	53.0	55.0	55.9	57.0	58.2	58.3	58.5	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
GE 4500	54.0	56.0	56.9	58.0	59.2	59.3	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
GE 4000	55.9	58.0	58.9	60.1	61.2	61.4	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
GE 3500	57.5	59.8	60.8	62.1	63.2	63.4	63.5	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
GE 3000	57.8	60.1	61.1	62.4	63.6	63.8	63.9	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 2500	59.6	61.9	62.9	64.2	65.5	65.7	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 2000	62.9	65.5	66.8	68.5	69.8	70.0	70.1	70.4	70.4	70.7	70.7	70.7	70.7	70.7	70.7	70.7
GE 1800	63.1	65.7	67.0	68.8	70.1	70.3	70.4	70.7	70.7	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE 1500	66.1	69.3	71.0	73.3	74.7	74.9	75.0	75.3	75.3	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 1200	69.0	72.7	74.6	76.9	78.3	78.4	78.6	78.9	78.9	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 1000	70.8	75.1	77.4	80.0	81.8	81.9	82.0	82.3	82.3	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 900	72.1	76.6	79.3	82.2	84.1	84.2	84.3	84.6	84.6	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 800	73.3	77.9	80.9	84.1	85.9	86.1	86.2	86.5	86.5	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 700	74.4	79.6	82.8	86.1	87.9	88.4	88.5	88.8	88.8	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 600	74.6	80.3	83.8	87.1	89.4	89.8	90.7	90.9	90.9	91.4	91.4	91.4	91.5	91.5	91.5	91.5
GE 500	75.0	80.9	84.6	88.2	90.8	91.2	92.4	93.1	93.1	93.8	93.8	94.0	94.1	94.1	94.1	94.1
GE 400	75.0	80.9	84.8	88.5	91.1	91.5	93.0	94.4	94.4	95.3	95.3	95.4	95.7	95.7	95.7	95.7
GE 300	75.0	80.9	84.8	88.6	91.5	92.4	93.8	95.3	95.4	96.4	96.7	97.0	97.4	97.4	97.4	97.7
GE 200	75.0	80.9	84.8	88.6	91.7	92.5	94.0	95.8	96.0	97.3	97.8	98.1	98.7	98.7	99.0	99.6
GE 100	75.0	80.9	84.8	88.6	91.7	92.5	94.0	95.8	96.0	97.4	98.1	98.4	99.0	99.0	99.4	100.0
GE 000	75.0	80.9	84.8	88.6	91.7	92.5	94.0	95.8	96.0	97.4	98.1	98.4	99.0	99.0	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 696

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: BOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: APR HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	45.7	46.2	46.5	46.6	46.6	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
GE 20000	53.5	54.0	54.3	54.4	54.4	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
GE 18000	53.5	54.0	54.3	54.4	54.4	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
GE 16000	53.5	54.0	54.3	54.4	54.4	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
GE 14000	53.7	54.1	54.4	54.6	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
GE 12000	54.1	54.6	54.9	55.0	55.0	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
GE 10000	54.7	55.2	55.5	55.6	55.6	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
GE 9000	55.0	55.5	55.8	55.9	55.9	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
GE 8000	56.4	56.8	57.1	57.3	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
GE 7000	56.5	57.0	57.3	57.4	57.4	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
GE 6000	57.1	57.6	57.9	58.0	58.0	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE 5000	58.8	59.2	59.5	59.7	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
GE 4500	60.0	60.4	60.9	61.0	61.0	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
GE 4000	61.6	62.1	62.5	62.7	62.7	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
GE 3500	63.9	64.3	64.8	64.9	64.9	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
GE 3000	65.7	66.1	66.6	66.9	66.9	67.0	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 2500	69.0	69.7	70.5	70.8	70.8	70.9	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
GE 2000	72.9	74.1	75.1	75.4	75.7	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
GE 1800	73.2	74.4	75.4	75.7	76.0	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 1500	77.5	79.0	80.5	81.0	81.3	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 1200	80.2	82.3	84.3	84.9	85.2	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 1000	81.1	83.7	85.8	86.4	86.7	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 900	82.3	85.9	88.0	88.8	89.1	89.4	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 800	83.4	87.0	89.2	90.0	90.4	90.7	91.3	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 700	83.7	87.9	90.3	91.3	92.2	92.5	93.1	93.3	93.3	93.3	93.4	93.4	93.4	93.4	93.6	93.6
GE 600	83.8	88.2	91.3	92.8	93.9	94.3	95.4	95.5	95.5	95.7	95.8	95.8	95.8	95.8	96.0	96.0
GE 500	83.8	88.3	91.6	93.4	94.5	95.1	96.3	96.4	96.4	96.7	97.0	97.0	97.2	97.2	97.3	97.3
GE 400	83.8	88.3	91.6	93.4	94.9	95.5	96.7	97.3	97.3	97.6	98.2	98.4	98.5	98.5	98.7	98.7
GE 300	83.8	88.3	91.6	93.4	95.2	96.0	97.2	97.8	97.8	98.4	99.1	99.3	99.4	99.4	99.7	99.7
GE 200	83.8	88.3	91.6	93.4	95.2	96.0	97.2	97.8	97.8	98.4	99.1	99.3	99.4	99.4	99.9	99.9
GE 100	83.8	88.3	91.6	93.4	95.2	96.0	97.2	97.8	97.8	98.4	99.1	99.3	99.6	99.6	100.0	100.0
GE 000	83.8	88.3	91.6	93.4	95.2	96.0	97.2	97.8	97.8	98.4	99.1	99.3	99.6	99.6	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 667

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: APR HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	48.1	48.2	48.2	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
GE 20000	59.4	59.7	59.7	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
GE 18000	59.4	59.7	59.7	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
GE 16000	59.4	59.7	59.7	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
GE 14000	59.7	60.0	60.0	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
GE 12000	59.9	60.2	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
GE 10000	61.4	61.8	61.8	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
GE 9000	61.5	62.0	62.0	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
GE 8000	63.0	63.6	63.6	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 7000	63.2	63.8	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
GE 6000	63.8	64.4	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
GE 5000	64.5	65.1	65.1	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 4500	66.2	66.8	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
GE 4000	67.8	68.6	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE 3500	72.0	72.8	72.8	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 3000	76.0	76.9	76.9	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
GE 2500	79.9	81.1	81.4	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 2000	85.3	86.7	87.1	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 1800	85.5	86.8	87.3	87.7	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
GE 1500	89.5	91.2	91.8	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 1200	91.3	93.3	93.9	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 1000	91.5	93.7	94.3	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 900	91.8	94.0	94.9	96.9	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 800	92.1	94.3	95.2	97.3	97.6	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 700	92.1	94.5	95.4	97.5	97.9	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 600	92.1	94.5	95.4	97.6	98.1	98.7	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 500	92.1	94.5	95.4	97.6	98.1	98.7	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 400	92.1	94.6	95.5	97.9	98.4	99.1	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 300	92.1	94.6	95.5	97.9	98.4	99.1	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 200	92.1	94.6	95.5	97.9	98.4	99.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	92.1	94.6	95.5	97.9	98.4	99.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	92.1	94.6	95.5	97.9	98.4	99.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 668

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: APR HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	52.4	52.4	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
GE 20000	62.7	62.7	62.7	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
GE 18000	62.7	62.7	62.7	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
GE 16000	62.7	62.7	62.7	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
GE 14000	62.7	62.7	62.7	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
GE 12000	63.2	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
GE 10000	65.9	65.9	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 9000	66.2	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 8000	71.0	71.1	71.1	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 7000	71.7	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 6000	72.0	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 5000	73.2	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
GE 4500	74.0	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 4000	77.7	78.0	78.0	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 3500	81.0	81.3	81.3	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 3000	85.5	85.9	85.9	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 2500	89.1	90.0	90.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 2000	91.9	93.4	93.7	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 1800	92.2	93.7	94.0	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 1500	94.8	96.6	97.0	97.6	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 1200	94.9	96.7	97.3	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 1000	94.9	96.9	97.5	98.4	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 900	95.2	97.2	97.8	98.7	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 800	95.4	97.3	97.9	99.0	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 700	95.4	97.5	98.1	99.1	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 600	95.4	97.5	98.1	99.1	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 500	95.4	97.5	98.1	99.1	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.9	99.9	99.9	99.9
GE 400	95.4	97.5	98.1	99.1	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0
GE 300	95.4	97.5	98.1	99.1	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0
GE 200	95.4	97.5	98.1	99.1	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0
GE 100	95.4	97.5	98.1	99.1	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0
GE 000	95.4	97.5	98.1	99.1	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 668



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: APR HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	54.9	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
GE 20000	67.4	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
GE 18000	67.9	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 16000	67.9	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 14000	68.5	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 12000	69.4	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 10000	71.6	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
GE 9000	72.0	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 8000	75.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 7000	76.2	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 6000	76.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 5000	78.5	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 4500	80.1	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 4000	83.6	84.8	84.8	84.8	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 3500	86.8	88.0	88.0	88.0	88.0	88.0	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 3000	89.2	90.7	90.7	90.7	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 2500	90.3	91.8	91.9	91.9	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 2000	92.5	94.5	95.1	95.1	95.2	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 1800	93.1	95.1	95.8	95.8	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 1500	93.9	95.8	96.6	96.7	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 1200	94.0	96.0	96.7	96.9	97.0	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 1000	94.0	96.0	96.9	97.3	97.6	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 900	94.0	96.0	96.9	97.5	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 800	94.0	96.0	97.2	97.8	98.2	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 700	94.0	96.1	97.5	98.4	98.8	98.8	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 600	94.0	96.1	97.5	98.4	98.8	98.8	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 500	94.0	96.1	97.5	98.4	98.8	98.8	99.3	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 400	94.0	96.1	97.5	98.4	98.8	98.8	99.3	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 300	94.2	96.3	97.6	98.5	99.0	99.0	99.4	99.4	99.6	99.7	99.7	99.7	99.9	99.9	100.0	100.0
GE 200	94.2	96.3	97.6	98.5	99.0	99.0	99.4	99.4	99.6	99.7	99.7	99.7	99.9	99.9	100.0	100.0
GE 100	94.2	96.3	97.6	98.5	99.0	99.0	99.4	99.4	99.6	99.7	99.7	99.7	99.9	99.9	100.0	100.0
GE 000	94.2	96.3	97.6	98.5	99.0	99.0	99.4	99.4	99.6	99.7	99.7	99.7	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 669

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: APR HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	60.9	61.4	61.7	61.7	61.7	61.7	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
GE 20000	69.7	70.1	70.6	70.6	70.6	70.6	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 18000	70.0	70.5	71.0	71.0	71.0	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
GE 16000	70.3	70.8	71.3	71.3	71.3	71.3	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
GE 14000	70.5	71.0	71.5	71.5	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 12000	71.1	71.6	72.1	72.1	72.1	72.1	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 10000	72.0	72.5	73.0	73.0	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 9000	72.0	72.5	73.0	73.0	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 8000	75.1	75.6	76.1	76.1	76.1	76.1	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 7000	75.6	76.1	76.6	76.6	76.6	76.6	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE 6000	76.8	77.3	77.8	77.8	77.8	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
GE 5000	77.3	77.8	78.3	78.3	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 4500	77.8	78.3	78.8	78.8	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 4000	79.6	80.4	80.9	80.9	80.9	80.9	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 3500	82.6	83.4	84.2	84.4	84.4	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 3000	84.2	85.1	86.1	86.2	86.2	86.2	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
GE 2500	86.2	87.4	88.4	88.7	88.7	88.7	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 2000	88.2	89.4	90.4	90.7	90.7	90.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.2
GE 1800	88.6	89.7	90.7	91.0	91.0	91.0	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.5
GE 1500	91.7	93.0	94.2	94.7	94.7	94.7	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.2
GE 1200	92.4	93.9	95.0	95.5	95.5	95.5	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	96.0
GE 1000	92.9	94.7	95.9	96.4	96.4	96.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.8
GE 900	93.4	95.2	96.5	97.0	97.0	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.5
GE 800	93.5	95.5	96.8	97.3	97.3	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.8
GE 700	93.5	95.5	96.8	97.3	97.3	97.3	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	98.0
GE 600	93.5	95.7	97.0	97.7	97.7	97.7	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.7
GE 500	93.7	96.0	97.3	98.0	98.0	98.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.2
GE 400	93.7	96.0	97.3	98.0	98.0	98.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.3
GE 300	93.7	96.0	97.3	98.0	98.0	98.0	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.8
GE 200	93.7	96.0	97.3	98.0	98.0	98.0	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.8
GE 100	93.7	96.0	97.3	98.0	98.0	98.0	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.8
GE 000	93.7	96.0	97.3	98.0	98.0	98.0	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 603

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: APR HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	50.6	51.4	51.6	51.8	52.0	52.0	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
GE 20000	59.1	60.0	60.3	60.4	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
GE 18000	59.2	60.1	60.4	60.6	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
GE 16000	59.3	60.1	60.4	60.6	60.8	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
GE 14000	59.5	60.3	60.6	60.8	61.0	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
GE 12000	60.0	60.8	61.1	61.3	61.5	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
GE 10000	61.3	62.2	62.5	62.7	62.9	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
GE 9000	61.5	62.4	62.7	62.9	63.1	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
GE 8000	63.9	64.8	65.1	65.3	65.5	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 7000	64.7	65.7	66.0	66.2	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
GE 6000	65.3	66.2	66.5	66.7	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 5000	66.3	67.2	67.5	67.7	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
GE 4500	67.2	68.2	68.5	68.7	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 4000	69.5	70.5	70.9	71.1	71.3	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 3500	72.1	73.2	73.7	73.9	74.1	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 3000	74.3	75.5	76.0	76.3	76.5	76.5	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 2500	76.7	78.1	78.6	79.0	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 2000	80.2	82.1	82.8	83.3	83.6	83.6	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.9
GE 1800	80.6	82.5	83.3	83.7	84.0	84.1	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 1500	83.9	86.0	87.0	87.7	88.0	88.1	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 1200	86.0	88.4	89.5	90.3	90.6	90.7	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 1000	86.8	89.5	90.7	91.6	92.0	92.2	92.3	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 900	87.5	90.5	91.8	92.9	93.4	93.5	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.8
GE 800	88.1	91.2	92.6	93.8	94.3	94.4	94.6	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 700	88.4	91.7	93.2	94.6	95.1	95.4	95.6	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8
GE 600	88.6	92.1	93.7	95.2	95.9	96.2	96.7	96.7	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 500	88.8	92.3	94.0	95.6	96.4	96.6	97.3	97.4	97.4	97.6	97.7	97.7	97.8	97.8	97.8	97.9
GE 400	88.8	92.3	94.1	95.7	96.6	96.9	97.6	98.0	98.0	98.2	98.3	98.4	98.5	98.5	98.5	98.5
GE 300	88.8	92.4	94.1	95.7	96.7	97.1	97.8	98.2	98.3	98.7	98.9	98.9	99.1	99.1	99.2	99.3
GE 200	88.8	92.4	94.1	95.8	96.8	97.2	98.0	98.4	98.5	99.0	99.2	99.3	99.5	99.5	99.7	99.8
GE 100	88.8	92.4	94.1	95.8	96.8	97.2	98.0	98.4	98.5	99.0	99.3	99.3	99.6	99.6	99.8	100.0
GE 000	88.8	92.4	94.1	95.8	96.8	97.2	98.0	98.4	98.5	99.0	99.3	99.3	99.6	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 4938

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: MAY HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	48.6	49.2	49.6	49.8	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
GE 20000	55.6	56.8	57.4	57.6	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 18000	55.6	56.8	57.4	57.6	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 16000	55.6	56.8	57.4	57.6	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 14000	55.6	56.8	57.4	57.6	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 12000	55.8	57.0	57.6	57.8	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
GE 10000	57.6	58.8	59.4	59.6	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
GE 9000	57.8	59.0	59.6	59.8	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 8000	59.4	60.6	61.2	61.4	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
GE 7000	59.6	60.8	61.4	61.6	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
GE 6000	59.8	61.0	61.6	61.8	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
GE 5000	60.2	61.4	62.0	62.2	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
GE 4500	60.4	61.6	62.2	62.4	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
GE 4000	61.0	62.2	62.9	63.1	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
GE 3500	63.9	65.1	65.7	65.9	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 3000	67.9	69.7	70.3	70.5	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
GE 2500	70.1	72.1	72.7	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 2000	75.1	77.1	77.7	78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 1800	75.9	77.9	78.5	78.9	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 1500	80.9	83.9	84.9	85.7	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 1200	85.3	88.6	89.6	90.4	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 1000	87.3	91.2	92.2	93.0	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 900	88.4	92.2	93.2	94.0	94.4	94.4	94.4	94.4	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 800	89.4	93.4	94.4	95.2	95.6	95.6	95.6	95.6	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 700	89.6	94.0	95.0	95.8	96.2	96.4	96.4	96.4	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 600	89.6	94.0	95.0	95.8	96.2	96.4	96.4	96.4	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 500	90.4	94.8	96.2	97.0	97.4	97.6	97.6	97.6	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 400	90.4	94.8	96.2	97.0	97.4	97.6	98.0	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 300	90.6	95.0	96.4	97.2	97.6	97.8	98.6	98.8	98.8	99.0	99.0	99.0	99.2	99.2	99.2	99.2
GE 200	90.6	95.0	96.4	97.2	97.6	97.8	98.6	98.8	98.8	99.0	99.0	99.0	99.2	99.2	99.2	99.2
GE 100	90.6	95.0	96.4	97.8	98.2	98.4	99.2	99.4	99.4	99.6	99.6	99.6	99.8	99.8	100.0	100.0
GE 000	90.6	95.0	96.4	97.8	98.2	98.4	99.2	99.4	99.4	99.6	99.6	99.6	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 498

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: MAY HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	40.9	42.3	43.2	43.5	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
GE 20000	46.6	48.7	49.6	49.9	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
GE 18000	46.6	48.7	49.6	49.9	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
GE 16000	46.8	48.9	49.7	50.1	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
GE 14000	47.0	49.1	49.9	50.3	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
GE 12000	47.3	49.6	50.4	50.8	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
GE 10000	48.9	51.1	52.0	52.3	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
GE 9000	49.1	51.3	52.2	52.5	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
GE 8000	50.4	52.7	53.5	53.9	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
GE 7000	50.8	53.0	53.9	54.2	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
GE 6000	50.8	53.0	53.9	54.2	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
GE 5000	51.3	53.5	54.4	54.7	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
GE 4500	51.6	53.9	54.7	55.1	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
GE 4000	52.3	54.7	55.8	56.1	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
GE 3500	53.9	56.3	58.0	58.4	58.9	58.9	58.9	58.9	58.9	59.1	59.1	59.1	59.1	59.1	59.1	59.1
GE 3000	56.5	59.4	61.0	61.3	61.8	61.8	61.8	61.8	61.8	62.0	62.0	62.0	62.0	62.0	62.0	62.0
GE 2500	57.5	60.4	62.2	62.7	63.2	63.2	63.2	63.2	63.2	63.4	63.4	63.4	63.4	63.4	63.6	63.6
GE 2000	63.9	67.7	69.6	70.3	70.8	70.8	70.8	70.8	70.8	71.0	71.0	71.0	71.0	71.0	71.2	71.2
GE 1800	64.1	67.9	69.8	70.5	71.0	71.0	71.0	71.0	71.0	71.2	71.2	71.2	71.2	71.2	71.3	71.3
GE 1500	72.5	77.5	79.6	80.3	80.8	80.8	81.0	81.0	81.0	81.3	81.3	81.3	81.3	81.3	81.5	81.5
GE 1200	78.1	83.2	85.3	86.0	86.7	86.7	86.9	86.9	86.9	87.2	87.2	87.2	87.2	87.2	87.4	87.4
GE 1000	80.0	85.5	87.7	88.4	89.1	89.1	89.3	89.3	89.3	89.6	89.6	89.6	89.6	89.6	89.8	89.8
GE 900	82.2	87.9	90.5	91.2	91.9	92.1	92.2	92.2	92.2	92.6	92.6	92.6	92.6	92.6	92.7	92.7
GE 800	82.9	88.8	91.5	92.4	93.1	93.3	93.4	93.4	93.4	93.8	93.8	93.8	93.8	93.8	94.0	94.0
GE 700	83.6	89.6	92.4	93.4	94.1	94.3	94.5	94.5	94.5	94.8	94.8	94.8	94.8	94.8	95.0	95.0
GE 600	83.9	90.3	93.1	94.3	95.2	95.3	95.5	95.5	95.5	95.9	95.9	95.9	95.9	95.9	96.0	96.0
GE 500	84.6	91.5	94.3	95.9	96.7	96.9	97.1	97.1	97.1	97.8	97.8	97.8	97.8	97.8	97.9	97.9
GE 400	84.6	91.5	94.3	95.9	96.7	96.9	97.2	97.2	97.4	97.4	98.3	98.3	98.3	98.3	98.4	98.6
GE 300	84.6	91.5	94.3	95.9	96.9	97.2	97.6	97.6	97.8	97.8	98.8	98.8	98.8	98.8	99.0	99.1
GE 200	84.6	91.7	94.5	96.0	97.1	97.4	97.8	97.9	97.9	99.0	99.0	99.0	99.0	99.1	99.3	99.5
GE 100	84.6	91.7	94.5	96.0	97.1	97.4	97.9	98.1	98.1	99.1	99.1	99.1	99.1	99.5	99.7	99.8
GE 000	84.6	91.7	94.5	96.0	97.1	97.4	97.9	98.1	98.1	99.1	99.1	99.1	99.1	99.5	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 579

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: MAY HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	30.6	32.7	34.3	35.0	35.1	35.1	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.5	35.7
GE 20000	38.3	41.1	43.1	44.2	44.5	44.5	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	45.0	45.2
GE 18000	38.3	41.1	43.1	44.2	44.5	44.5	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	45.0	45.2
GE 16000	38.7	41.5	43.5	44.6	44.9	44.9	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.5	45.6
GE 14000	38.7	41.5	43.5	44.6	44.9	44.9	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.5	45.6
GE 12000	39.6	42.4	44.3	45.5	45.7	45.7	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.3	46.4
GE 10000	42.0	44.9	47.0	48.4	48.7	48.7	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.4	49.5
GE 9000	42.0	44.9	47.1	48.5	48.8	48.8	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.5	49.7
GE 8000	43.6	47.0	49.4	50.9	51.2	51.2	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.9	52.0
GE 7000	43.9	47.6	50.1	51.6	51.9	51.9	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.6	52.7
GE 6000	44.2	47.8	50.3	51.9	52.2	52.2	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.9	53.0
GE 5000	44.3	48.3	50.9	52.4	52.7	52.7	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.4	53.6
GE 4500	45.3	49.2	51.9	53.4	53.7	53.7	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.5	54.7
GE 4000	46.6	50.8	53.6	55.1	55.5	55.5	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.4	56.5
GE 3500	47.6	51.7	54.7	56.6	57.5	57.5	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.3	58.5
GE 3000	49.8	54.5	57.9	60.1	61.4	61.4	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.2	62.4
GE 2500	51.0	56.5	60.0	62.8	64.2	64.2	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.9	65.2
GE 2000	56.5	63.2	67.1	70.6	72.3	72.3	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	73.1	73.3
GE 1800	56.6	63.4	67.3	70.8	72.4	72.4	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.3	73.4
GE 1500	59.4	67.3	72.2	76.1	78.3	78.3	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.4	79.6
GE 1200	62.4	70.8	76.2	80.6	83.1	83.1	83.9	83.9	83.9	84.1	84.1	84.1	84.1	84.1	84.3	84.5
GE 1000	64.5	73.4	79.0	83.5	86.3	86.3	87.3	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.7	87.8
GE 900	65.7	75.2	81.0	86.2	89.1	89.1	90.1	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.5	90.6
GE 800	65.9	75.5	81.4	86.9	89.8	90.1	91.2	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.6	91.7
GE 700	66.4	76.5	82.4	88.1	91.2	91.6	93.0	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.4	93.6
GE 600	67.0	77.3	83.6	89.5	93.0	93.6	95.0	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.4	95.5
GE 500	67.0	77.3	84.3	90.5	94.4	95.1	96.9	96.9	96.9	97.1	97.2	97.2	97.2	97.2	97.5	97.6
GE 400	67.0	77.3	84.3	90.5	94.4	95.1	97.1	97.1	97.1	97.3	97.5	97.5	97.6	97.6	97.9	98.0
GE 300	67.0	77.8	84.8	90.9	94.8	95.5	97.6	97.6	97.6	97.9	98.2	98.2	98.3	98.3	98.6	98.7
GE 200	67.0	77.8	84.8	90.9	94.8	95.5	97.8	97.8	97.8	98.0	98.5	98.5	98.9	98.9	99.2	99.4
GE 100	67.0	77.8	84.8	90.9	94.8	95.5	97.8	97.8	97.8	98.0	98.5	98.5	99.3	99.3	99.6	100.0
GE 000	67.0	77.8	84.8	90.9	94.8	95.5	97.8	97.8	97.8	98.0	98.5	98.5	99.3	99.3	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 715

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: MAY HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	39.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
GE 20000	48.6	49.8	49.9	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
GE 18000	48.8	49.9	50.1	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
GE 16000	48.8	49.9	50.1	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
GE 14000	48.9	50.1	50.2	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
GE 12000	49.6	50.8	50.9	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
GE 10000	51.6	52.8	52.9	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
GE 9000	51.9	53.1	53.2	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
GE 8000	53.2	54.4	54.7	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
GE 7000	53.8	54.9	55.2	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
GE 6000	53.9	55.1	55.4	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
GE 5000	54.1	55.2	55.5	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
GE 4500	54.7	55.8	56.1	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
GE 4000	56.1	57.4	57.7	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
GE 3500	58.8	60.4	60.7	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
GE 3000	63.7	66.1	66.4	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
GE 2500	67.6	71.0	71.3	72.3	72.3	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
GE 2000	74.6	78.9	79.6	80.6	80.9	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 1800	75.3	79.8	80.5	81.6	81.9	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 1500	79.2	84.1	85.4	86.8	87.2	87.5	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 1200	81.1	86.5	87.9	89.4	89.8	90.1	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 1000	82.4	87.9	89.7	91.2	91.8	92.1	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 900	83.4	89.0	90.7	92.3	92.8	93.1	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 800	83.8	89.7	91.5	93.8	94.4	94.7	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 700	83.9	90.2	92.5	95.3	95.8	96.1	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 600	84.2	90.5	93.0	96.1	97.1	97.4	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 500	84.4	90.7	93.1	96.3	97.3	97.7	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 400	84.4	90.8	93.3	96.6	97.6	98.0	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 300	84.4	90.8	93.3	96.6	97.6	98.0	98.9	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 200	84.4	90.8	93.3	96.6	97.6	98.0	98.9	99.1	99.1	99.3	99.4	99.4	99.6	99.6	99.6	99.6
GE 100	84.5	91.0	93.4	96.7	97.7	98.1	99.0	99.3	99.3	99.4	99.6	99.6	100.0	100.0	100.0	100.0
GE 000	84.5	91.0	93.4	96.7	97.7	98.1	99.0	99.3	99.3	99.4	99.6	99.6	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 697

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: MAY HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	42.0	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1
GE 20000	53.7	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
GE 18000	53.7	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
GE 16000	53.7	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
GE 14000	53.7	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
GE 12000	54.1	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
GE 10000	58.0	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
GE 9000	58.0	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
GE 8000	59.7	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
GE 7000	60.5	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
GE 6000	60.8	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
GE 5000	61.3	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
GE 4500	61.9	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
GE 4000	64.5	65.2	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
GE 3500	72.4	73.9	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 3000	78.6	80.5	81.0	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 2500	84.4	86.6	87.0	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 2000	89.0	91.6	92.1	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 1800	89.0	91.6	92.1	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 1500	90.2	93.4	93.9	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 1200	91.1	94.5	95.4	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 1000	91.3	94.8	95.8	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 900	91.8	95.2	96.2	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 800	92.1	95.7	96.8	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 700	92.1	95.7	96.8	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 600	92.2	96.1	97.3	98.3	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 500	92.2	96.1	97.3	98.4	98.8	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 400	92.2	96.1	97.4	98.6	99.0	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 300	92.2	96.1	97.4	98.6	99.3	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	92.2	96.1	97.4	98.6	99.3	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	92.2	96.1	97.4	98.6	99.3	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	92.2	96.1	97.4	98.6	99.3	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 693



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: MAY HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
GE 20000	60.7	61.0	61.0	61.0	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
GE 18000	60.9	61.2	61.2	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
GE 16000	60.9	61.2	61.2	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
GE 14000	61.2	61.5	61.5	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
GE 12000	61.7	62.0	62.0	62.0	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
GE 10000	65.3	65.8	65.8	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 9000	66.0	66.5	66.5	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
GE 8000	70.3	70.8	70.8	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
GE 7000	71.1	71.5	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 6000	71.2	71.6	71.6	71.6	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
GE 5000	72.1	72.5	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 4500	73.9	74.4	74.4	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
GE 4000	77.2	77.9	77.9	77.9	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 3500	84.1	86.0	86.2	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
GE 3000	89.0	91.3	91.7	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 2500	91.3	93.7	94.1	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 2000	93.1	95.7	96.1	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 1800	93.4	96.0	96.6	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 1500	93.7	96.3	96.8	97.0	97.1	97.1	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 1200	94.1	96.8	97.4	97.6	97.7	97.7	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 1000	94.7	97.4	98.0	98.1	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 900	94.7	97.6	98.1	98.4	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 800	94.7	97.6	98.3	98.6	98.7	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 700	94.7	97.6	98.3	98.6	98.7	98.7	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 600	94.7	98.0	98.7	99.1	99.3	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 500	94.7	98.0	98.7	99.1	99.3	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	94.7	98.0	98.7	99.1	99.3	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	94.7	98.0	98.7	99.1	99.3	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	94.7	98.0	98.7	99.1	99.3	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	94.7	98.0	98.7	99.1	99.3	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	94.7	98.0	98.7	99.1	99.3	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 698

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: MAY HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	54.4	54.4	54.4	54.4	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
GE 20000	70.1	70.1	70.1	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
GE 18000	70.5	70.5	70.5	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 16000	70.5	70.5	70.5	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 14000	71.1	71.1	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
GE 12000	71.3	71.3	71.3	71.3	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
GE 10000	74.4	74.9	74.9	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 9000	74.6	75.2	75.2	75.2	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 8000	77.7	78.2	78.2	78.2	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 7000	79.2	79.8	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 6000	79.5	80.1	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 5000	80.4	80.9	80.9	80.9	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 4500	82.2	82.8	82.8	82.8	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 4000	84.5	85.1	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 3500	87.8	88.5	89.1	89.1	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
GE 3000	89.4	90.3	91.1	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 2500	90.5	91.4	92.3	92.4	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 2000	93.7	94.8	95.8	96.0	96.1	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 1800	93.7	94.8	95.8	96.0	96.1	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 1500	94.1	95.4	96.8	97.0	97.3	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 1200	94.6	96.0	97.4	97.6	97.9	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 1000	94.8	96.6	98.0	98.3	98.6	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 900	95.0	96.7	98.3	98.6	98.9	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 800	95.0	96.7	98.4	98.7	99.0	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 700	95.0	96.7	98.4	98.9	99.1	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 600	95.0	96.8	98.6	99.0	99.3	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 500	95.0	96.8	98.7	99.1	99.4	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	95.0	96.8	98.7	99.3	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	95.0	96.8	98.7	99.3	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	95.0	96.8	98.7	99.3	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	95.0	96.8	98.7	99.3	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	95.0	96.8	98.7	99.3	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 698

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: MAY HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	59.8	60.2	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
GE 20000	72.6	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
GE 18000	72.6	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
GE 16000	72.6	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
GE 14000	72.9	73.8	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 12000	72.9	73.8	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 10000	74.9	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 9000	75.0	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 8000	75.8	76.6	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE 7000	76.5	77.3	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 6000	76.5	77.3	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 5000	77.9	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 4500	78.9	79.8	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 4000	82.5	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 3500	84.2	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 3000	86.5	88.1	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 2500	87.6	89.4	89.9	89.9	89.9	89.9	89.9	89.9	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 2000	90.4	92.2	92.7	92.9	92.9	92.9	92.9	92.9	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 1800	90.8	92.6	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 1500	91.7	93.8	94.3	94.7	94.7	94.7	94.7	94.7	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 1200	92.4	94.7	95.6	96.1	96.1	96.1	96.1	96.1	96.1	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 1000	92.9	95.4	96.5	97.2	97.2	97.2	97.2	97.2	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 900	93.1	95.6	96.6	97.3	97.3	97.3	97.3	97.3	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 800	93.5	95.9	97.0	97.7	97.7	97.7	97.7	97.7	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 700	93.6	96.6	97.7	98.4	98.4	98.4	98.4	98.4	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 600	93.8	96.8	97.9	98.6	98.6	98.6	98.6	98.6	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 500	93.8	96.8	97.9	98.6	98.6	98.6	98.6	98.6	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 400	94.2	97.2	98.2	99.1	99.1	99.1	99.3	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 300	94.2	97.2	98.2	99.1	99.1	99.1	99.3	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 200	94.3	97.3	98.6	99.5	99.5	99.5	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	94.3	97.3	98.6	99.5	99.5	99.5	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	94.3	97.3	98.6	99.5	99.5	99.5	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 565

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: MAY HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	45.0	45.7	46.1	46.2	46.3	46.3	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4
GE 20000	55.5	56.6	57.1	57.3	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.6
GE 18000	55.6	56.7	57.2	57.4	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.7	57.7
GE 16000	55.7	56.8	57.2	57.5	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
GE 14000	55.9	57.0	57.4	57.7	57.8	57.8	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
GE 12000	56.3	57.4	57.9	58.2	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
GE 10000	58.9	60.2	60.6	60.9	61.1	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
GE 9000	59.1	60.4	60.9	61.2	61.3	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.5
GE 8000	61.2	62.5	63.0	63.3	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.6	63.6
GE 7000	61.8	63.2	63.7	64.0	64.2	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
GE 6000	62.0	63.3	63.9	64.2	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.5	64.5
GE 5000	62.6	64.0	64.6	64.9	65.0	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.2
GE 4500	63.6	65.0	65.5	65.9	66.0	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 4000	65.6	67.1	67.8	68.1	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.4	68.4
GE 3500	69.2	71.1	72.0	72.4	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 3000	72.8	75.2	76.2	76.7	77.0	77.1	77.1	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2
GE 2500	75.2	77.9	78.9	79.6	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.2	80.2
GE 2000	79.7	82.9	84.1	85.0	85.4	85.4	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.7	85.7
GE 1800	80.0	83.2	84.5	85.3	85.7	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	86.0	86.0
GE 1500	82.7	86.5	88.1	89.2	89.7	89.8	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.1	90.1
GE 1200	84.7	88.8	90.6	91.8	92.4	92.4	92.6	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.8	92.8
GE 1000	85.8	90.2	92.0	93.3	94.0	94.0	94.2	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 900	86.6	91.0	93.0	94.4	95.0	95.1	95.3	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.6
GE 800	86.9	91.5	93.6	95.1	95.8	95.9	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.4	96.4
GE 700	87.1	91.9	94.1	95.7	96.5	96.6	96.9	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.2
GE 600	87.3	92.3	94.5	96.3	97.2	97.4	97.7	97.8	97.8	97.9	97.9	97.9	97.9	97.9	98.0	98.0
GE 500	87.5	92.6	94.9	96.8	97.7	98.0	98.5	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.8	98.8
GE 400	87.5	92.6	95.0	96.9	97.9	98.1	98.8	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.2	99.2
GE 300	87.6	92.7	95.1	97.0	98.0	98.3	99.0	99.1	99.1	99.3	99.4	99.4	99.4	99.4	99.5	99.5
GE 200	87.6	92.7	95.1	97.1	98.1	98.3	99.1	99.2	99.2	99.4	99.5	99.5	99.6	99.6	99.7	99.7
GE 100	87.6	92.7	95.2	97.2	98.2	98.4	99.2	99.3	99.3	99.5	99.6	99.6	99.8	99.8	99.9	100.0
GE 000	87.6	92.7	95.2	97.2	98.2	98.4	99.2	99.3	99.3	99.5	99.6	99.6	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 5143

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JUN HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	69.7	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 20000	73.4	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 18000	73.4	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 16000	73.4	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 14000	73.6	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 12000	73.6	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 10000	74.0	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 9000	74.0	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 8000	77.3	77.7	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
GE 7000	77.3	77.7	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
GE 6000	77.5	77.9	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 5000	77.7	78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 4500	79.6	80.0	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 4000	80.4	80.8	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 3500	81.8	82.4	82.8	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 3000	84.9	85.5	85.9	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 2500	85.9	86.5	87.3	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 2000	88.8	89.4	90.2	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 1800	89.2	89.8	90.6	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 1500	92.2	93.3	94.5	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 1200	93.0	94.7	95.9	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 1000	93.9	95.7	96.9	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 900	94.3	96.1	97.5	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 800	94.5	96.5	98.0	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 700	94.5	96.5	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 600	94.5	96.7	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 500	95.3	97.5	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	95.3	97.5	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	95.3	97.5	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	95.3	97.5	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	95.3	97.5	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	95.3	97.5	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 489

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JUN HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	58.1	59.2	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
GE 20000	63.9	64.9	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 18000	64.0	65.1	65.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 16000	64.0	65.1	65.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 14000	64.4	65.4	65.8	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 12000	64.6	65.6	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 10000	65.1	66.1	66.5	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 9000	65.4	66.5	66.8	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 8000	69.1	70.3	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE 7000	69.5	70.7	71.2	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 6000	69.5	70.7	71.2	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 5000	69.8	71.2	71.7	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 4500	70.5	71.9	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 4000	72.1	73.6	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 3500	72.6	74.2	74.7	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
GE 3000	74.5	76.4	77.0	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 2500	75.9	78.0	78.5	79.2	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 2000	80.6	82.7	83.2	83.9	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 1800	80.6	82.7	83.2	83.9	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 1500	86.2	88.3	88.8	89.5	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 1200	88.0	90.4	90.9	91.6	92.1	92.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 1000	89.0	91.4	92.1	92.8	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 900	90.9	93.5	94.4	95.3	96.0	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 800	91.6	94.8	95.6	96.5	97.2	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 700	92.0	95.5	96.3	97.2	97.9	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 600	92.1	95.6	96.5	97.4	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 500	92.5	96.3	97.4	98.3	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 400	92.7	96.5	98.3	99.1	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	92.7	96.5	98.3	99.1	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	92.7	96.5	98.3	99.1	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	92.7	96.5	98.3	99.1	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	92.7	96.5	98.3	99.1	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 573

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JUN HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	46.3	48.5	49.4	49.6	50.1	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
GE 20000	55.4	58.2	59.4	59.8	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
GE 18000	55.8	58.6	59.8	60.2	60.6	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
GE 16000	55.8	58.6	59.8	60.2	60.6	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
GE 14000	56.3	59.1	60.2	60.6	61.0	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
GE 12000	57.1	59.9	61.2	61.6	62.0	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
GE 10000	58.4	61.3	62.6	63.0	63.4	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
GE 9000	59.4	62.3	63.6	64.0	64.4	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
GE 8000	62.6	66.5	68.2	68.8	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
GE 7000	63.2	67.1	68.8	69.3	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 6000	63.6	67.5	69.2	69.8	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 5000	64.3	68.2	69.9	70.5	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE 4500	65.0	68.9	70.6	71.4	71.9	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 4000	66.8	70.7	72.4	73.3	73.7	73.8	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 3500	68.2	72.4	74.1	75.1	75.5	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 3000	70.5	74.8	76.5	77.5	77.9	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
GE 2500	71.7	76.4	78.2	79.2	79.6	79.7	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 2000	75.7	80.5	82.4	83.4	83.8	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 1800	75.8	80.6	82.6	83.5	84.0	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 1500	79.3	84.5	86.6	87.6	88.0	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 1200	82.0	87.6	89.9	90.9	91.3	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 1000	84.0	89.6	92.0	93.2	93.8	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 900	84.2	90.2	92.5	94.0	94.7	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 800	84.4	90.7	93.1	94.8	95.5	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.2	96.2	96.2	96.2
GE 700	85.1	91.6	94.0	95.6	96.3	96.6	96.9	96.9	96.9	96.9	96.9	96.9	97.0	97.0	97.0	97.0
GE 600	85.1	91.7	94.2	96.3	97.0	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7
GE 500	85.5	92.1	94.7	96.9	98.5	98.7	99.3	99.3	99.3	99.4	99.4	99.4	99.6	99.6	99.6	99.6
GE 400	85.5	92.3	94.8	97.0	98.7	99.0	99.6	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 300	85.5	92.3	94.8	97.0	98.7	99.0	99.6	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	85.5	92.3	94.8	97.0	98.7	99.0	99.6	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	85.5	92.3	94.8	97.0	98.7	99.0	99.6	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	85.5	92.3	94.8	97.0	98.7	99.0	99.6	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 711

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JUN HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	45.9	46.7	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
GE 20000	55.0	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
GE 18000	55.1	56.3	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
GE 16000	55.1	56.3	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
GE 14000	55.1	56.3	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
GE 12000	56.2	57.3	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
GE 10000	58.2	59.3	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
GE 9000	58.2	59.3	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
GE 8000	61.8	63.1	63.2	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 7000	63.1	64.5	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 6000	63.2	64.7	64.8	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
GE 5000	64.0	65.4	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
GE 4500	64.3	65.7	65.8	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 4000	66.9	68.3	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
GE 3500	69.5	70.9	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
GE 3000	75.4	77.6	77.7	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
GE 2500	80.6	83.1	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 2000	86.5	89.1	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 1800	87.1	89.7	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 1500	90.4	93.2	93.3	93.6	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 1200	92.3	95.8	95.9	96.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 1000	93.1	96.7	96.8	97.4	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 900	93.3	97.0	97.3	97.8	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 800	93.5	97.1	97.5	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 700	94.1	97.7	98.3	99.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 600	94.1	97.7	98.3	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 500	94.1	97.7	98.3	99.1	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	94.1	97.7	98.3	99.1	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	94.1	97.7	98.3	99.1	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	94.1	97.7	98.3	99.1	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	94.1	97.7	98.3	99.1	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	94.1	97.7	98.3	99.1	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 691



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: BOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JUN HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
GE 20000	60.3	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
GE 18000	60.3	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
GE 16000	60.3	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
GE 14000	60.6	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
GE 12000	60.8	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
GE 10000	62.5	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
GE 9000	63.0	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 8000	65.3	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 7000	66.3	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 6000	67.7	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
GE 5000	68.0	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 4500	68.7	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
GE 4000	72.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
GE 3500	80.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 3000	90.3	91.8	91.8	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 2500	93.8	95.2	95.2	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 2000	96.2	97.7	97.7	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 1800	96.7	98.1	98.1	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 1500	97.1	98.6	98.7	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1200	97.7	99.3	99.4	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1000	97.7	99.3	99.4	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 900	97.7	99.3	99.4	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 800	97.7	99.3	99.4	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 700	97.7	99.3	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	97.7	99.3	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	97.7	99.3	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	97.7	99.3	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	97.7	99.3	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	97.7	99.3	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	97.7	99.3	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	97.7	99.3	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 691

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: BOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JUN HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	58.0	58.4	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
GE 20000	72.8	73.5	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 18000	72.8	73.5	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 16000	72.8	73.5	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 14000	72.8	73.5	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 12000	73.1	73.8	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE 10000	75.4	76.1	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
GE 9000	76.1	76.8	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
GE 8000	79.0	79.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 7000	80.1	80.9	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 6000	80.7	81.4	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 5000	81.2	81.9	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 4500	82.3	83.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 4000	84.9	85.6	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 3500	90.1	91.1	91.5	91.5	91.5	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 3000	95.5	96.8	97.3	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 2500	96.4	97.7	98.1	98.1	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 2000	97.0	98.4	98.8	98.8	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1800	97.0	98.4	98.8	98.8	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1500	97.3	98.8	99.3	99.3	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1200	97.4	99.0	99.4	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1000	97.4	99.0	99.4	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 900	97.4	99.0	99.4	99.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 800	97.4	99.0	99.4	99.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 700	97.4	99.0	99.4	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	97.4	99.0	99.4	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	97.4	99.0	99.4	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	97.4	99.0	99.4	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	97.4	99.0	99.4	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	97.4	99.0	99.4	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	97.4	99.0	99.4	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	97.4	99.0	99.4	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 695

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JUN HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	68.2	68.4	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
GE 20000	80.4	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE 18000	80.5	80.8	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 16000	80.5	80.8	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 14000	80.7	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 12000	81.3	81.6	81.7	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 10000	83.0	83.3	83.4	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 9000	83.3	83.6	83.7	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 8000	87.0	87.3	87.5	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 7000	87.9	88.3	88.5	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 6000	88.0	88.5	88.6	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 5000	88.9	89.3	89.5	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 4500	89.5	89.9	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 4000	91.2	91.6	91.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 3500	93.2	93.7	93.9	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 3000	95.5	96.0	96.4	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 2500	95.8	96.3	96.7	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 2000	96.7	97.4	97.8	98.4	98.4	98.4	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1800	96.7	97.4	97.8	98.4	98.4	98.4	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1500	97.0	97.7	98.1	98.7	98.7	98.7	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1200	97.1	97.8	98.3	98.8	98.8	98.8	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 1000	97.3	98.0	98.4	99.1	99.1	99.1	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 900	97.3	98.0	98.4	99.1	99.1	99.1	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 800	97.3	98.0	98.4	99.1	99.1	99.1	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 700	97.3	98.0	98.4	99.1	99.1	99.1	99.4	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7
GE 600	97.3	98.0	98.4	99.1	99.1	99.1	99.4	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7
GE 500	97.3	98.0	98.4	99.1	99.1	99.1	99.4	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.9
GE 400	97.4	98.1	98.6	99.3	99.3	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	100.0
GE 300	97.4	98.1	98.6	99.3	99.3	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	100.0
GE 200	97.4	98.1	98.6	99.3	99.3	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	100.0
GE 100	97.4	98.1	98.6	99.3	99.3	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	100.0
GE 000	97.4	98.1	98.6	99.3	99.3	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 694

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JUN HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	74.6	74.8	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 20000	82.6	82.8	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 18000	82.6	82.8	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 16000	82.6	82.8	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 14000	82.6	82.8	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 12000	82.8	83.0	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 10000	84.1	84.4	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 9000	84.4	84.8	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
GE 8000	86.0	86.4	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 7000	86.2	86.6	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 6000	86.2	86.6	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 5000	86.8	87.1	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 4500	87.5	87.8	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 4000	88.7	89.1	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 3500	90.9	91.2	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 3000	93.4	93.7	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 2500	93.7	94.1	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 2000	95.2	95.5	96.4	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 1800	95.2	95.5	96.4	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 1500	95.3	96.1	97.1	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 1200	96.2	97.0	98.0	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 1000	96.4	97.1	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 900	96.4	97.1	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 800	96.6	97.5	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 700	96.6	97.5	98.6	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.3	99.3	99.3
GE 600	96.8	97.7	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.5	99.5	99.5
GE 500	97.0	98.0	99.1	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0
GE 400	97.0	98.0	99.1	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0
GE 300	97.0	98.0	99.1	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0
GE 200	97.0	98.0	99.1	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0
GE 100	97.0	98.0	99.1	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0
GE 000	97.0	98.0	99.1	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 559

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JUN HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	57.9	58.6	58.8	58.9	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
GE 20000	67.5	68.4	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE 18000	67.6	68.5	68.8	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 16000	67.6	68.5	68.8	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 14000	67.7	68.7	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 12000	68.2	69.1	69.5	69.6	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 10000	69.6	70.6	71.0	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
GE 9000	70.1	71.0	71.4	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 8000	73.1	74.3	74.8	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
GE 7000	73.8	75.1	75.5	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 6000	74.2	75.5	75.9	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
GE 5000	74.8	76.0	76.5	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 4500	75.6	76.8	77.3	77.5	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 4000	77.7	79.0	79.5	79.7	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 3500	80.7	82.1	82.6	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 3000	85.0	86.6	87.2	87.6	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 2500	86.8	88.5	89.2	89.6	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 2000	89.6	91.5	92.1	92.5	92.7	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 1800	89.8	91.7	92.3	92.7	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 1500	91.8	93.9	94.6	95.0	95.2	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 1200	93.0	95.3	96.0	96.5	96.6	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 1000	93.6	95.9	96.7	97.2	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 900	93.9	96.3	97.2	97.7	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 800	94.1	96.6	97.5	98.1	98.4	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 700	94.3	96.9	97.8	98.5	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1
GE 600	94.3	97.0	97.9	98.6	98.9	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 500	94.5	97.2	98.2	99.0	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
GE 400	94.6	97.3	98.4	99.1	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 300	94.6	97.3	98.4	99.1	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	94.6	97.3	98.4	99.1	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	94.6	97.3	98.4	99.1	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	94.6	97.3	98.4	99.1	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 5103

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JUL HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	83.8	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 20000	88.8	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 18000	88.8	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 16000	88.8	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 14000	88.8	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 12000	88.8	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 10000	91.0	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 9000	91.4	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 8000	92.3	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 7000	92.3	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 6000	92.3	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 5000	92.6	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 4500	92.6	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 4000	93.0	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 3500	94.1	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 3000	95.1	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 2500	95.1	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 2000	95.9	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 1800	95.9	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 1500	96.6	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 1200	98.0	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1000	98.6	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 900	98.6	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 800	98.6	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 700	98.6	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 600	98.7	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 500	98.7	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 400	98.7	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 300	98.9	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 200	98.9	99.5	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	98.9	99.5	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	98.9	99.5	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 555

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JUL HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	74.6	75.4	75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 20000	81.1	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 18000	81.1	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 16000	81.1	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 14000	81.1	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 12000	81.1	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 10000	82.6	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 9000	83.9	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
GE 8000	85.2	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 7000	85.2	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 6000	85.2	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 5000	85.3	86.3	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
GE 4500	85.7	86.6	86.6	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 4000	85.7	86.8	86.8	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 3500	86.5	87.8	87.8	87.9	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 3000	87.5	88.8	88.8	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 2500	87.8	89.1	89.1	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 2000	89.6	91.2	91.2	91.4	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 1800	89.7	91.4	91.4	91.5	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 1500	91.2	93.3	93.3	93.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 1200	93.0	95.3	95.3	95.4	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 1000	93.6	95.9	96.1	96.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 900	94.0	96.4	96.7	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 800	94.0	96.6	96.9	97.2	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 700	94.5	97.1	97.4	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 600	95.0	97.7	98.0	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 500	95.1	97.9	98.5	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 400	95.1	97.9	98.9	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 300	95.1	97.9	99.0	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 200	95.1	97.9	99.0	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 100	95.4	98.2	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	95.4	98.2	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 614

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JUL HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	60.2	64.0	65.6	66.1	66.3	66.3	66.3	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
GE 20000	66.3	70.1	71.7	72.2	72.4	72.5	72.5	72.5	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 18000	66.4	70.4	72.0	72.5	72.7	72.8	72.8	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 16000	66.4	70.4	72.0	72.5	72.7	72.8	72.8	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 14000	66.4	70.4	72.0	72.5	72.7	72.8	72.8	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 12000	68.3	72.2	73.8	74.4	74.5	74.6	74.6	74.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 10000	71.1	75.5	77.1	77.6	77.8	77.9	77.9	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 9000	71.7	76.3	77.9	78.6	78.8	78.9	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 8000	75.1	79.9	81.6	82.3	82.4	82.6	82.9	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 7000	75.5	80.5	82.3	83.0	83.1	83.4	83.7	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 6000	75.5	80.5	82.3	83.0	83.1	83.4	83.9	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 5000	76.1	81.0	82.9	83.6	83.7	84.0	84.4	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 4500	76.1	81.0	82.9	83.6	83.7	84.0	84.4	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 4000	76.2	81.2	83.0	83.7	83.9	84.1	84.6	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 3500	77.8	83.0	85.1	85.8	86.0	86.3	86.7	86.8	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 3000	79.2	84.6	86.8	87.7	87.8	88.1	88.5	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 2500	79.5	84.8	87.1	88.1	88.4	88.7	89.1	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 2000	80.9	86.3	88.8	89.9	90.5	90.8	91.2	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 1800	81.2	86.5	89.1	90.2	90.8	91.1	91.5	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 1500	82.4	87.8	90.4	91.9	92.5	92.8	93.2	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 1200	83.7	89.2	91.8	93.3	94.1	94.3	94.8	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 1000	84.4	89.9	92.6	94.2	95.2	95.5	95.9	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 900	85.1	90.8	93.6	95.2	96.2	96.5	96.9	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 800	85.1	90.9	93.8	95.3	96.3	96.6	97.0	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 700	85.4	91.4	94.2	95.9	96.9	97.2	97.6	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 600	85.6	92.1	94.9	96.7	97.7	98.0	98.4	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 500	85.6	92.1	95.2	97.2	98.2	98.6	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 400	85.8	92.4	95.5	97.5	98.4	98.9	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	85.8	92.4	95.5	97.5	98.4	98.9	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	85.8	92.4	95.5	97.5	98.4	98.9	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	85.8	92.4	95.5	97.5	98.4	98.9	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	85.8	92.4	95.5	97.5	98.4	98.9	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 706



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JUL HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	65.7	66.6	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 20000	71.4	72.4	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 18000	71.4	72.4	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 16000	71.4	72.4	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 14000	71.9	72.9	73.3	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
GE 12000	73.6	74.6	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
GE 10000	75.2	76.2	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE 9000	76.2	77.3	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 8000	79.7	80.8	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 7000	79.9	80.9	81.3	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 6000	80.0	81.0	81.5	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 5000	81.0	82.1	82.5	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 4500	81.2	82.2	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 4000	81.9	83.4	83.8	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 3500	83.1	84.7	85.1	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 3000	87.3	89.2	89.8	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 2500	89.5	91.4	92.0	92.4	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 2000	92.4	94.6	95.3	95.8	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 1800	92.6	94.8	95.5	95.9	96.2	96.2	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 1500	93.9	96.2	96.9	97.4	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 1200	94.3	96.6	97.4	97.8	98.1	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 1000	94.5	96.8	97.7	98.1	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 900	94.9	97.2	98.1	98.5	98.8	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 800	94.9	97.2	98.1	98.5	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 700	94.9	97.4	98.3	98.7	99.1	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 600	94.9	97.4	98.3	98.8	99.3	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 500	94.9	97.4	98.4	99.0	99.4	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	94.9	97.4	98.4	99.0	99.4	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	94.9	97.4	98.4	99.0	99.4	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	94.9	97.4	98.4	99.0	99.4	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	94.9	97.4	98.4	99.0	99.4	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	94.9	97.4	98.4	99.0	99.4	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 686

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JUL HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	61.4	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
GE 20000	74.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 18000	74.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 16000	74.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 14000	74.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 12000	75.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
GE 10000	79.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 9000	80.2	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 8000	83.1	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 7000	83.1	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 6000	83.7	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 5000	85.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
GE 4500	85.9	87.0	87.0	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 4000	87.5	88.8	88.8	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 3500	91.3	92.6	92.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 3000	95.5	96.9	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 2500	97.1	98.5	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 2000	97.4	98.8	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 1800	97.4	98.8	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 1500	97.4	98.8	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 1200	97.7	99.1	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1000	97.7	99.1	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 900	97.7	99.1	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 800	97.7	99.1	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 700	97.7	99.1	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 600	97.7	99.1	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 500	97.7	99.1	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	97.7	99.1	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	97.7	99.1	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	97.7	99.1	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	97.7	99.1	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	97.7	99.1	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 687

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JUL HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	59.5	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
GE 20000	75.7	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 18000	75.8	76.7	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
GE 16000	75.8	76.7	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
GE 14000	76.4	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 12000	77.9	78.7	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 10000	82.4	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 9000	82.5	83.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
GE 8000	85.3	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 7000	85.7	86.6	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 6000	85.7	86.6	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 5000	86.6	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 4500	87.5	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 4000	88.9	89.8	90.0	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5
GE 3500	92.7	93.6	93.7	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3
GE 3000	96.2	97.1	97.5	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3
GE 2500	96.9	97.8	98.4	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1
GE 2000	97.4	98.4	99.0	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
GE 1800	97.4	98.4	99.0	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
GE 1500	97.7	98.7	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	97.7	98.7	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	97.7	98.7	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	97.7	98.7	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	97.7	98.7	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	97.7	98.7	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	97.7	98.7	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	97.7	98.7	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	97.7	98.7	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	97.7	98.7	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	97.7	98.7	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	97.7	98.7	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	97.7	98.7	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 687

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: BOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JUL HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	64.0	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
GE 20000	83.4	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 18000	83.4	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 16000	83.4	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 14000	83.6	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 12000	85.2	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 10000	89.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 9000	89.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 8000	91.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 7000	91.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 6000	91.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 5000	91.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 4500	91.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 4000	92.7	93.9	94.0	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 3500	95.5	96.7	96.9	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 3000	97.4	98.5	99.0	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 2500	97.7	98.8	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 2000	97.7	98.8	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1800	97.7	98.8	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1500	97.8	99.0	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1200	97.8	99.0	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1000	98.0	99.1	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	98.0	99.1	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	98.0	99.1	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	98.0	99.1	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	98.0	99.1	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	98.0	99.1	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	98.0	99.1	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	98.0	99.1	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	98.0	99.1	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	98.0	99.1	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	98.0	99.1	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 688

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: BOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JUL HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 20000	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 18000	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 16000	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 14000	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 12000	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 10000	93.9	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 9000	93.9	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 8000	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 7000	95.2	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 6000	95.2	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 5000	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 4500	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 4000	97.2	97.2	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 3500	98.0	98.0	98.2	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 3000	99.0	99.0	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 2500	99.0	99.0	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 2000	99.0	99.0	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1800	99.0	99.0	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1500	99.2	99.2	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 1200	99.3	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	99.3	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	99.3	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	99.3	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	99.3	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	99.3	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	99.3	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	99.3	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	99.3	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	99.3	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	99.3	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	99.3	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 607

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JUL HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	68.3	69.3	69.6	69.7	69.7	69.7	69.7	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE 20000	78.5	79.6	79.9	80.0	80.0	80.0	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 18000	78.5	79.7	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 16000	78.5	79.7	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 14000	78.7	79.9	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 12000	79.7	80.9	81.2	81.3	81.3	81.3	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 10000	82.8	84.1	84.4	84.5	84.5	84.5	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 9000	83.2	84.6	84.9	85.0	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 8000	85.5	86.9	87.2	87.4	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 7000	85.8	87.2	87.5	87.7	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 6000	85.9	87.2	87.6	87.8	87.8	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
GE 5000	86.5	87.9	88.3	88.5	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 4500	86.8	88.2	88.5	88.7	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 4000	87.6	89.1	89.5	89.8	89.8	89.9	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 3500	89.6	91.2	91.6	91.9	92.0	92.1	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 3000	92.0	93.6	94.2	94.5	94.6	94.6	94.7	94.7	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8
GE 2500	92.7	94.3	94.9	95.3	95.4	95.5	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 2000	93.7	95.4	96.0	96.4	96.6	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 1800	93.7	95.5	96.1	96.5	96.7	96.7	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 1500	94.4	96.2	96.9	97.3	97.5	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 1200	95.0	96.9	97.6	98.0	98.2	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 1000	95.3	97.2	97.9	98.3	98.6	98.6	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 900	95.5	97.4	98.1	98.6	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 800	95.5	97.4	98.2	98.6	98.9	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 700	95.6	97.6	98.3	98.8	99.1	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 600	95.7	97.8	98.5	99.0	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 500	95.7	97.8	98.6	99.2	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	95.8	97.8	98.7	99.3	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	95.8	97.8	98.7	99.3	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	95.8	97.8	98.7	99.3	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	95.8	97.9	98.8	99.3	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	95.8	97.9	98.8	99.3	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 5230

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: AUG HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	83.4	83.8	83.8	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 20000	90.1	90.4	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 18000	90.1	90.4	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 16000	90.1	90.4	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 14000	90.1	90.4	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 12000	90.3	90.6	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 10000	92.8	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 9000	93.5	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 8000	96.1	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 7000	96.2	96.9	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 6000	96.2	96.9	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 5000	96.2	96.9	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 4500	96.2	96.9	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 4000	96.2	96.9	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 3500	96.8	97.6	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 3000	97.8	98.8	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 2500	97.8	98.8	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 2000	98.0	99.0	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 1800	98.0	99.0	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 1500	98.1	99.1	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1200	98.1	99.1	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1000	98.1	99.3	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 900	98.1	99.3	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 800	98.1	99.3	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 700	98.1	99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	98.1	99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	98.1	99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	98.1	99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	98.1	99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	98.1	99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	98.1	99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	98.1	99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 586

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: AUG HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	78.3	78.8	78.9	79.1	79.3	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 20000	83.0	83.4	83.6	83.7	83.9	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 18000	83.0	83.4	83.6	83.7	83.9	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 16000	83.0	83.4	83.6	83.7	83.9	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 14000	83.0	83.4	83.6	83.7	83.9	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 12000	83.1	83.6	83.7	83.9	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 10000	86.7	87.3	87.6	87.8	87.9	87.9	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 9000	87.2	87.8	88.1	88.2	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 8000	91.2	92.1	92.4	92.6	92.7	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 7000	91.8	92.7	93.2	93.3	93.5	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 6000	91.8	92.7	93.2	93.3	93.5	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 5000	92.6	93.5	94.0	94.1	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 4500	92.6	93.5	94.0	94.1	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 4000	92.6	93.5	94.0	94.1	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 3500	93.5	94.6	95.0	95.2	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 3000	94.0	95.2	95.7	95.8	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 2500	94.0	95.2	95.7	95.8	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 2000	95.2	96.4	96.9	97.1	97.2	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 1800	95.5	96.7	97.2	97.5	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 1500	96.4	97.7	98.1	98.6	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1200	96.6	97.8	98.3	98.8	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1000	96.7	98.0	98.5	98.9	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.4
GE 900	96.7	98.0	98.5	98.9	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.4
GE 800	96.7	98.0	98.5	98.9	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.7	99.7	99.7	99.7
GE 700	96.7	98.0	98.5	98.9	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.7	99.7	99.7	99.7
GE 600	96.9	98.1	98.6	99.1	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
GE 500	96.9	98.1	98.6	99.1	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
GE 400	96.9	98.1	98.6	99.1	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
GE 300	96.9	98.1	98.6	99.1	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
GE 200	96.9	98.1	98.6	99.2	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 100	96.9	98.1	98.6	99.2	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 000	96.9	98.1	98.6	99.2	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 646



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: AUG HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	66.2	68.7	69.8	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 20000	71.2	74.1	75.5	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
GE 18000	71.2	74.1	75.5	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
GE 16000	71.2	74.1	75.5	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
GE 14000	71.3	74.3	75.6	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 12000	72.0	75.1	76.4	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
GE 10000	77.0	81.0	82.7	83.4	83.4	83.4	83.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
GE 9000	77.6	82.1	84.0	84.6	84.6	84.6	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 8000	81.7	86.8	89.2	90.0	90.2	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 7000	82.6	87.7	90.2	91.0	91.1	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 6000	82.7	88.0	90.4	91.2	91.4	91.4	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 5000	83.3	88.5	91.1	91.9	92.0	92.2	92.3	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 4500	83.3	88.5	91.1	91.9	92.0	92.2	92.3	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 4000	83.3	88.5	91.1	91.9	92.0	92.2	92.3	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 3500	84.1	89.5	92.0	92.9	93.0	93.1	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 3000	84.6	90.0	92.7	93.5	93.7	93.8	93.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 2500	84.8	90.3	93.0	93.8	93.9	94.1	94.2	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 2000	85.6	91.1	93.8	94.6	94.7	94.9	95.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 1800	85.6	91.1	93.8	94.6	94.7	94.9	95.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 1500	86.1	91.6	94.5	95.3	95.4	95.6	95.7	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1
GE 1200	87.3	93.0	96.2	97.0	97.2	97.3	97.6	97.8	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0
GE 1000	88.1	93.8	97.0	97.8	98.0	98.1	98.4	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8
GE 900	88.3	93.9	97.2	98.0	98.1	98.2	98.7	98.9	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1
GE 800	88.3	93.9	97.2	98.0	98.1	98.2	98.7	98.9	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1
GE 700	88.3	93.9	97.2	98.0	98.1	98.2	98.7	98.9	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1
GE 600	88.3	93.9	97.2	98.0	98.2	98.5	98.9	99.2	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5
GE 500	88.4	94.1	97.3	98.1	98.4	98.8	99.2	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	88.5	94.2	97.4	98.2	98.5	98.9	99.3	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	88.5	94.2	97.4	98.2	98.5	98.9	99.3	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	88.5	94.2	97.4	98.2	98.5	98.9	99.3	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	88.5	94.2	97.4	98.2	98.5	98.9	99.3	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	88.5	94.2	97.4	98.2	98.5	98.9	99.3	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 742

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: AUG HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	70.9	71.6	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 20000	76.4	77.1	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 18000	76.4	77.1	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 16000	76.4	77.1	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 14000	77.0	77.7	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 12000	77.8	78.5	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 10000	84.5	85.3	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 9000	85.6	86.5	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 8000	87.8	89.2	89.8	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 7000	88.8	90.2	90.8	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 6000	89.2	90.6	91.2	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 5000	89.4	90.8	91.3	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 4500	89.4	90.8	91.3	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 4000	90.1	91.5	92.0	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 3500	91.3	92.7	93.3	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 3000	92.7	94.1	94.7	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 2500	93.6	95.0	95.5	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 2000	94.6	96.1	96.6	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 1800	94.6	96.2	96.8	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 1500	94.8	96.5	97.3	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 1200	95.7	97.3	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1000	95.7	97.5	98.3	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 900	95.8	97.6	98.5	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 800	95.8	97.6	98.5	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 700	95.9	97.8	98.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 600	95.9	97.8	98.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	95.9	97.8	98.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	95.9	97.8	98.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	95.9	97.8	98.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	95.9	97.8	98.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	95.9	97.8	98.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	95.9	97.8	98.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 716

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: AUG HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	65.3	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
GE 20000	75.6	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
GE 18000	75.6	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
GE 16000	75.6	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
GE 14000	76.6	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
GE 12000	76.9	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 10000	83.0	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
GE 9000	83.4	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 8000	86.1	87.0	87.0	87.2	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 7000	87.7	88.7	88.7	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 6000	87.7	88.7	88.7	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 5000	88.3	89.3	89.3	89.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 4500	88.6	89.6	89.6	89.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 4000	90.3	91.2	91.2	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 3500	94.0	95.0	95.0	95.1	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 3000	96.9	98.2	98.2	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 2500	97.4	98.6	98.6	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 2000	97.5	98.7	98.7	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1800	97.6	98.9	98.9	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 1500	97.9	99.2	99.2	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1200	97.9	99.2	99.2	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1000	97.9	99.2	99.2	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 900	97.9	99.2	99.2	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 800	98.1	99.3	99.3	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 700	98.3	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	98.3	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	98.3	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	98.3	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	98.3	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	98.3	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	98.3	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	98.3	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 718

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: AUG HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	60.6	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
GE 20000	74.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 18000	74.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 16000	74.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 14000	75.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 12000	76.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
GE 10000	82.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 9000	82.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 8000	86.6	87.7	87.7	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 7000	87.3	88.4	88.4	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 6000	87.6	88.7	88.7	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 5000	88.1	89.2	89.2	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 4500	89.1	90.2	90.2	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 4000	93.3	94.4	94.4	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 3500	95.4	96.8	96.8	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 3000	97.6	99.0	99.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 2500	97.6	99.0	99.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 2000	97.9	99.3	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1800	97.9	99.3	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1500	97.9	99.3	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1200	97.9	99.3	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1000	97.9	99.3	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 900	98.0	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	98.0	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	98.0	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	98.0	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	98.0	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	98.0	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	98.0	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	98.0	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	98.0	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	98.0	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 715

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: AUG HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	63.2	63.7	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
GE 20000	77.5	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GE 18000	77.5	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GE 16000	77.5	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GE 14000	78.4	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 12000	80.2	81.2	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
GE 10000	83.5	84.5	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 9000	84.8	85.8	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 8000	89.3	90.2	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
GE 7000	90.2	91.2	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 6000	90.7	91.6	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 5000	90.9	92.1	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 4500	91.9	93.0	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 4000	95.0	96.1	96.8	96.8	96.9	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 3500	95.7	96.8	97.5	97.5	97.6	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 3000	96.4	97.5	98.2	98.2	98.3	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 2500	96.5	97.6	98.3	98.5	98.6	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 2000	96.8	97.9	98.9	99.0	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1800	96.8	97.9	98.9	99.0	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1500	96.9	98.0	99.0	99.2	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1200	97.1	98.2	99.2	99.4	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	97.1	98.2	99.2	99.4	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	97.1	98.2	99.2	99.4	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	97.1	98.2	99.2	99.4	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	97.1	98.2	99.2	99.4	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	97.1	98.2	99.2	99.4	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	97.1	98.2	99.2	99.4	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	97.1	98.2	99.2	99.4	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	97.1	98.2	99.2	99.4	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	97.1	98.2	99.2	99.4	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	97.1	98.2	99.2	99.4	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	97.1	98.2	99.2	99.4	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 717

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: AUG HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	79.8	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 20000	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 18000	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 16000	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 14000	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 12000	89.5	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 10000	92.4	92.8	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 9000	93.0	93.5	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
GE 8000	95.4	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 7000	95.5	96.0	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 6000	95.9	96.3	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 5000	96.0	96.5	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 4500	96.0	96.5	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 4000	96.7	97.1	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 3500	97.3	97.8	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 3000	97.9	98.4	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 2500	97.9	98.6	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 2000	97.9	98.6	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 1800	97.9	98.6	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 1500	98.3	98.9	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1200	98.4	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	98.4	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	98.4	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	98.4	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	98.4	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	98.4	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	98.4	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	98.4	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	98.4	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	98.4	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	98.4	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	98.4	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 629

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: BOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: AUG HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	70.4	71.2	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
GE 20000	79.2	80.1	80.3	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
GE 18000	79.2	80.1	80.3	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
GE 16000	79.2	80.1	80.3	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
GE 14000	79.6	80.6	80.8	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 12000	80.3	81.3	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 10000	84.9	86.0	86.4	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 9000	85.6	86.9	87.3	87.4	87.4	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 8000	88.9	90.5	90.9	91.2	91.3	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 7000	89.7	91.3	91.8	92.1	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 6000	89.9	91.5	92.0	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 5000	90.3	91.9	92.4	92.7	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 4500	90.6	92.2	92.7	93.0	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 4000	92.0	93.5	94.1	94.4	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 3500	93.3	95.0	95.6	95.9	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 3000	94.6	96.3	97.0	97.3	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 2500	94.8	96.5	97.2	97.5	97.6	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 2000	95.3	97.1	97.8	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 1800	95.3	97.1	97.8	98.2	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 1500	95.7	97.5	98.2	98.6	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 1200	96.0	97.9	98.7	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 1000	96.1	98.0	98.8	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6
GE 900	96.2	98.1	98.9	99.3	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7
GE 800	96.2	98.1	98.9	99.3	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 700	96.3	98.2	99.0	99.5	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 600	96.3	98.2	99.0	99.5	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	96.3	98.2	99.0	99.5	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 400	96.3	98.2	99.0	99.5	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	96.3	98.2	99.0	99.5	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	96.3	98.2	99.0	99.5	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	96.3	98.2	99.0	99.5	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	96.3	98.2	99.0	99.5	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 5469

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: SEP HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	72.6	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 20000	81.4	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 18000	81.4	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 16000	81.4	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 14000	81.6	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 12000	81.6	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 10000	83.3	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 9000	83.7	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 8000	84.9	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 7000	86.4	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 6000	86.4	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 5000	86.4	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 4500	86.4	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 4000	86.6	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 3500	87.7	88.5	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 3000	90.6	91.4	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 2500	91.2	92.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 2000	92.9	93.9	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 1800	93.3	94.3	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 1500	93.5	94.4	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 1200	93.9	94.8	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 1000	95.2	96.2	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 900	95.2	96.2	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 800	95.8	97.1	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 700	96.6	97.9	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 600	96.9	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 500	97.7	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	97.7	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	97.7	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	97.7	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	97.7	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	97.7	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 522



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: SEP HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	64.4	67.5	67.6	67.8	67.8	67.8	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
GE 20000	69.0	72.3	72.7	72.8	72.8	72.8	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 18000	69.0	72.3	72.7	72.8	72.8	72.8	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 16000	69.0	72.3	72.7	72.8	72.8	72.8	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 14000	69.0	72.3	72.7	72.8	72.8	72.8	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 12000	69.6	72.8	73.2	73.4	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
GE 10000	71.3	74.6	74.9	75.1	75.1	75.1	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 9000	71.3	74.6	74.9	75.1	75.1	75.1	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 8000	72.8	76.1	76.5	76.6	76.6	76.6	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE 7000	73.5	77.2	77.5	77.7	77.7	77.7	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
GE 6000	73.5	77.2	77.5	77.7	77.7	77.7	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
GE 5000	73.7	77.3	77.7	77.9	77.9	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 4500	73.7	77.3	77.7	77.9	77.9	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 4000	73.9	77.7	78.0	78.2	78.2	78.2	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 3500	75.1	78.9	79.6	79.8	79.9	79.9	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 3000	76.0	79.9	80.6	81.0	81.3	81.3	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
GE 2500	76.5	80.4	81.1	81.5	81.8	81.8	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 2000	81.7	85.6	86.3	86.7	87.0	87.0	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 1800	82.0	86.2	86.9	87.4	87.7	87.7	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
GE 1500	84.4	88.6	89.3	89.8	90.1	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 1200	87.2	91.9	92.6	93.1	93.4	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
GE 1000	88.4	93.1	93.9	94.5	94.8	94.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 900	89.4	94.1	95.0	95.5	95.8	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 800	89.8	94.5	95.3	95.8	96.2	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 700	90.5	95.2	96.2	96.7	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 600	90.8	95.7	96.7	97.2	97.6	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 500	91.5	96.9	98.1	98.6	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 400	91.5	96.9	98.1	98.6	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 300	91.5	97.1	98.3	98.8	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 200	91.5	97.1	98.3	98.8	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	91.5	97.1	98.3	98.8	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	91.5	97.1	98.3	98.8	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 578

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: SEP HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	50.2	54.0	55.1	55.2	55.5	55.5	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
GE 20000	57.0	61.1	62.4	62.7	63.0	63.0	63.1	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
GE 18000	57.0	61.1	62.4	62.7	63.0	63.0	63.1	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
GE 16000	57.0	61.1	62.4	62.7	63.0	63.0	63.1	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
GE 14000	57.2	61.3	62.7	63.0	63.3	63.3	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
GE 12000	57.8	61.9	63.3	63.5	64.0	64.0	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
GE 10000	60.0	64.6	65.9	66.3	66.9	66.9	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.8	67.8
GE 9000	60.5	65.0	66.3	66.8	67.3	67.3	67.9	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.2	68.2
GE 8000	62.7	67.2	68.7	69.1	69.8	70.0	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.9	70.9
GE 7000	64.1	68.7	70.1	70.6	71.4	71.6	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.5	72.5
GE 6000	64.4	69.0	70.6	71.2	72.0	72.2	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	73.1	73.1
GE 5000	65.0	69.5	71.2	71.7	72.6	72.8	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.6	73.6
GE 4500	65.0	69.5	71.2	71.7	72.6	72.8	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.6	73.6
GE 4000	65.4	70.3	72.0	72.6	73.5	73.6	74.2	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.5	74.5
GE 3500	66.3	71.2	72.9	73.9	74.8	75.0	75.7	75.8	75.8	76.0	76.0	76.0	76.0	76.0	76.1	76.1
GE 3000	67.5	72.6	74.5	75.5	76.4	76.6	77.3	77.5	77.5	77.6	77.6	77.6	77.6	77.6	77.7	77.7
GE 2500	67.8	72.9	74.8	76.0	76.9	77.0	77.7	77.9	77.9	78.0	78.0	78.0	78.0	78.0	78.2	78.2
GE 2000	71.9	77.2	79.1	80.2	81.1	81.3	82.0	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.6	82.6
GE 1800	72.3	77.6	79.5	80.7	81.6	81.7	82.4	82.7	82.7	82.9	82.9	82.9	82.9	82.9	83.0	83.0
GE 1500	74.8	80.7	82.7	83.9	84.8	84.9	85.7	85.9	85.9	86.1	86.1	86.1	86.1	86.1	86.2	86.2
GE 1200	76.7	82.7	84.9	86.1	87.0	87.1	87.8	88.1	88.1	88.3	88.3	88.3	88.3	88.3	88.4	88.4
GE 1000	78.0	84.2	86.7	87.8	88.9	89.2	89.9	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.5	90.5
GE 900	78.8	84.9	87.6	88.7	89.8	90.0	90.8	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.4	91.4
GE 800	79.6	85.9	89.0	90.3	91.5	91.8	92.5	92.8	92.8	93.0	93.0	93.0	93.0	93.0	93.1	93.1
GE 700	80.7	87.1	90.6	92.1	93.4	93.7	94.6	95.0	95.0	95.2	95.2	95.2	95.2	95.2	95.3	95.3
GE 600	81.0	87.4	91.4	93.1	94.4	94.7	95.6	96.0	96.0	96.2	96.2	96.2	96.2	96.2	96.3	96.3
GE 500	81.4	87.8	91.8	93.9	95.2	95.5	96.3	96.8	96.8	97.1	97.2	97.2	97.2	97.2	97.4	97.4
GE 400	81.4	88.0	91.9	94.3	95.9	96.2	97.2	97.7	97.7	98.1	98.2	98.2	98.2	98.2	98.4	98.4
GE 300	81.4	88.3	92.2	94.7	96.3	96.8	98.0	98.5	98.5	99.1	99.3	99.3	99.3	99.3	99.6	99.6
GE 200	81.6	88.4	92.4	94.9	96.5	96.9	98.1	98.7	98.7	99.3	99.4	99.4	99.6	99.6	99.9	99.9
GE 100	81.6	88.4	92.4	94.9	96.5	96.9	98.1	98.7	98.7	99.3	99.4	99.4	99.6	99.6	99.9	100.0
GE 000	81.6	88.4	92.4	94.9	96.5	96.9	98.1	98.7	98.7	99.3	99.4	99.4	99.6	99.6	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 683

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: SEP HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	47.9	48.7	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
GE 20000	56.4	57.1	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
GE 18000	56.4	57.1	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
GE 16000	56.4	57.1	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
GE 14000	57.3	58.0	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE 12000	58.6	59.3	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
GE 10000	61.0	61.7	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
GE 9000	61.3	62.0	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
GE 8000	63.9	64.8	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 7000	65.0	65.9	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
GE 6000	65.3	66.2	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
GE 5000	65.6	66.5	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 4500	65.6	66.5	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 4000	66.8	67.7	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
GE 3500	69.9	71.1	71.5	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 3000	74.8	76.4	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 2500	79.4	81.0	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 2000	85.2	86.9	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 1800	85.5	87.2	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 1500	88.3	90.5	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 1200	90.2	93.0	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 1000	91.1	94.4	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 900	91.8	95.1	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 800	92.3	95.5	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 700	92.7	96.1	97.6	97.9	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 600	92.9	96.3	97.8	98.1	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 500	93.3	97.2	98.7	99.0	99.1	99.1	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4
GE 400	93.3	97.3	98.8	99.1	99.3	99.3	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6
GE 300	93.3	97.3	98.8	99.1	99.3	99.3	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.9	99.9	100.0
GE 200	93.3	97.3	98.8	99.1	99.3	99.3	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.9	99.9	100.0
GE 100	93.3	97.3	98.8	99.1	99.3	99.3	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.9	99.9	100.0
GE 000	93.3	97.3	98.8	99.1	99.3	99.3	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 674

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: SEP HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
GE 20000	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
GE 18000	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
GE 16000	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
GE 14000	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 12000	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
GE 10000	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
GE 9000	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 8000	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 7000	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 6000	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 5000	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 4500	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 4000	78.4	78.4	78.4	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 3500	84.3	84.3	84.4	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	81.6	84.6
GE 3000	93.3	93.3	93.4	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
GE 2500	95.5	95.7	95.8	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 2000	96.0	96.1	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 1800	96.0	96.1	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 1500	96.7	96.9	97.0	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 1200	97.9	98.1	98.2	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 1000	98.1	98.4	98.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 900	98.1	98.4	98.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 800	98.1	98.4	98.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 700	98.1	98.5	98.7	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 600	98.4	98.8	99.0	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 500	99.0	99.4	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	99.0	99.4	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	99.0	99.4	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	99.0	99.4	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	99.0	99.4	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	99.0	99.4	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 668

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: SEP HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	57.0	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
GE 20000	71.1	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 18000	71.1	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 16000	71.1	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 14000	71.7	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 12000	73.2	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 10000	77.2	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 9000	78.1	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE 8000	81.5	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
GE 7000	82.9	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 6000	83.3	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 5000	84.1	84.5	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 4500	85.0	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 4000	87.2	87.6	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
GE 3500	90.8	91.2	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 3000	95.5	96.0	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 2500	96.0	96.7	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 2000	96.1	96.9	97.2	97.3	97.3	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 1800	96.3	97.0	97.3	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 1500	96.6	97.3	97.6	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 1200	97.0	97.8	98.1	98.2	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 1000	97.3	98.1	98.4	98.5	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 900	97.5	98.2	98.5	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 800	97.6	98.4	98.7	98.8	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 700	98.2	99.0	99.3	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 600	98.4	99.1	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 500	98.4	99.1	99.4	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	98.4	99.1	99.4	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE 300	98.4	99.1	99.4	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE 200	98.4	99.1	99.4	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE 100	98.4	99.1	99.4	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE 000	98.4	99.1	99.4	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 672

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: SEP HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	63.9	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
GE 20000	76.9	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 18000	76.9	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 16000	76.9	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 14000	77.7	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 12000	79.3	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 10000	82.5	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 9000	82.8	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 8000	85.2	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 7000	86.8	87.4	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 6000	88.2	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 5000	89.4	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 4500	89.5	90.1	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 4000	90.7	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 3500	91.9	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 3000	94.3	95.1	95.1	95.2	95.4	95.4	95.5	95.5	95.5	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 2500	95.1	96.0	96.0	96.1	96.3	96.3	96.4	96.4	96.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 2000	95.8	96.7	96.7	96.9	97.0	97.0	97.2	97.2	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 1800	95.8	96.7	96.7	96.9	97.0	97.0	97.2	97.2	97.2	97.5	97.6	97.6	97.6	97.6	97.6	97.6
GE 1500	96.0	96.9	96.9	97.0	97.2	97.2	97.3	97.3	97.3	97.6	97.8	97.8	97.8	97.8	97.8	97.8
GE 1200	96.0	97.0	97.0	97.2	97.3	97.3	97.5	97.5	97.5	97.8	97.9	97.9	97.9	97.9	97.9	97.9
GE 1000	96.1	97.2	97.2	97.3	97.5	97.5	97.6	98.1	98.1	98.4	98.5	98.5	98.5	98.5	98.5	98.5
GE 900	96.4	97.5	97.5	97.6	97.8	97.8	97.9	98.4	98.4	98.7	98.8	98.8	98.8	98.8	98.8	98.8
GE 800	96.7	97.8	97.8	97.9	98.1	98.1	98.2	98.7	98.7	99.0	99.1	99.1	99.1	99.1	99.1	99.1
GE 700	96.9	97.9	97.9	98.1	98.2	98.2	98.4	98.8	98.8	99.1	99.3	99.3	99.3	99.3	99.3	99.3
GE 600	97.0	98.1	98.1	98.2	98.5	98.5	98.7	99.1	99.1	99.4	99.6	99.6	99.6	99.6	99.6	99.6
GE 500	97.2	98.2	98.2	98.4	98.7	98.8	99.0	99.4	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	97.3	98.4	98.4	98.5	98.8	99.0	99.1	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	97.3	98.4	98.4	98.5	98.8	99.0	99.1	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	97.3	98.4	98.4	98.5	98.8	99.0	99.1	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	97.3	98.4	98.4	98.5	98.8	99.0	99.1	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	97.3	98.4	98.4	98.5	98.8	99.0	99.1	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 667

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: SEP HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	73.6	73.9	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE 20000	82.9	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 18000	82.9	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 16000	82.9	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 14000	83.4	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 12000	83.9	84.3	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 10000	85.5	85.8	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 9000	85.8	86.2	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
GE 8000	87.9	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 7000	89.5	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 6000	89.5	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 5000	90.0	90.3	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 4500	90.2	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
GE 4000	90.5	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 3500	91.5	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 3000	93.1	93.6	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 2500	94.0	94.6	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 2000	95.2	95.9	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 1800	95.2	96.0	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 1500	95.5	96.4	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 1200	95.9	96.7	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 1000	96.2	97.1	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 900	96.9	97.8	98.1	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 800	97.1	97.9	98.3	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 700	97.2	98.1	98.4	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 600	97.4	98.3	98.6	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 500	98.3	99.1	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	98.3	99.1	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 300	98.3	99.1	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 200	98.3	99.1	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 100	98.3	99.1	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 000	98.3	99.1	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 579

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: SEP HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	59.6	60.8	61.0	61.1	61.1	61.1	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
GE 20000	69.0	70.3	70.6	70.7	70.7	70.7	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 18000	69.0	70.3	70.6	70.7	70.7	70.7	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 16000	69.1	70.4	70.7	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 14000	69.7	70.9	71.2	71.3	71.3	71.3	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 12000	70.7	72.0	72.2	72.3	72.3	72.3	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
GE 10000	73.0	74.4	74.7	74.7	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	75.0	75.0
GE 9000	73.5	74.8	75.1	75.2	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 8000	75.9	77.2	77.6	77.7	77.8	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
GE 7000	77.2	78.6	79.0	79.1	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 6000	77.6	79.0	79.3	79.4	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 5000	78.1	79.6	79.9	80.0	80.1	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 4500	78.5	79.9	80.2	80.3	80.4	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 4000	79.6	81.1	81.5	81.6	81.7	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 3500	81.9	83.5	83.9	84.1	84.3	84.3	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 3000	85.5	87.1	87.6	87.9	88.1	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.4	88.4
GE 2500	86.8	88.6	89.1	89.4	89.6	89.6	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 2000	89.2	91.0	91.6	91.9	92.1	92.1	92.3	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 1800	89.4	91.3	91.9	92.1	92.3	92.4	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.7	92.7
GE 1500	90.6	92.6	93.2	93.6	93.8	93.8	93.9	94.0	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1
GE 1200	91.8	93.9	94.6	94.9	95.1	95.1	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 1000	92.4	94.7	95.4	95.7	96.0	96.0	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.4	96.4
GE 900	92.9	95.2	95.9	96.2	96.5	96.5	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.9	96.9
GE 800	93.3	95.6	96.4	96.8	97.0	97.1	97.2	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 700	93.7	96.1	97.1	97.4	97.7	97.8	98.0	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 600	94.0	96.4	97.4	97.8	98.1	98.2	98.4	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 500	94.4	97.0	98.0	98.5	98.8	98.9	99.1	99.2	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4
GE 400	94.5	97.1	98.1	98.6	99.0	99.0	99.3	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6
GE 300	94.5	97.1	98.2	98.7	99.0	99.1	99.4	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.9
GE 200	94.5	97.2	98.2	98.7	99.1	99.2	99.5	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0
GE 100	94.5	97.2	98.2	98.7	99.1	99.2	99.5	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0
GE 000	94.5	97.2	98.2	98.7	99.1	99.2	99.5	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 5043



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: OCT HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	70.8	71.9	72.1	72.3	72.3	72.3	72.5	72.5	72.5	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 20000	72.9	74.0	74.2	74.4	74.4	74.4	74.6	74.6	74.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 18000	72.9	74.0	74.2	74.4	74.4	74.4	74.6	74.6	74.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 16000	72.9	74.0	74.2	74.4	74.4	74.4	74.6	74.6	74.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 14000	72.9	74.0	74.2	74.4	74.4	74.4	74.6	74.6	74.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 12000	72.9	74.0	74.2	74.4	74.4	74.4	74.6	74.6	74.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 10000	74.0	75.0	75.2	75.4	75.4	75.4	75.6	75.6	75.6	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 9000	74.0	75.0	75.2	75.4	75.4	75.4	75.6	75.6	75.6	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 8000	75.4	76.5	76.7	76.9	76.9	76.9	77.1	77.1	77.1	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 7000	75.4	76.5	76.7	76.9	76.9	76.9	77.1	77.1	77.1	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 6000	75.4	76.5	76.7	76.9	76.9	76.9	77.1	77.1	77.1	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 5000	76.3	77.3	77.5	77.7	77.7	77.7	77.9	77.9	77.9	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 4500	76.3	77.3	77.5	77.7	77.7	77.7	77.9	77.9	77.9	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 4000	76.3	77.3	77.5	77.7	77.7	77.7	77.9	77.9	77.9	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 3500	77.5	78.8	79.2	79.2	79.2	79.2	79.4	79.4	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 3000	78.5	79.8	80.4	80.4	80.4	80.4	80.6	80.6	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE 2500	80.0	81.3	81.5	81.9	81.9	81.9	82.1	82.1	82.1	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 2000	81.7	82.9	83.1	83.8	83.8	83.8	84.0	84.0	84.0	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 1800	81.7	82.9	83.1	83.8	83.8	83.8	84.0	84.0	84.0	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 1500	83.8	85.0	85.2	85.8	86.3	86.3	86.5	86.5	86.5	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 1200	86.5	87.7	87.9	88.8	89.4	89.4	89.6	89.6	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 1000	87.1	88.3	88.8	89.6	90.2	90.2	90.6	90.6	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 900	88.1	89.4	89.8	90.6	91.3	91.3	91.7	91.7	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 800	88.1	90.0	90.6	91.7	92.3	92.3	92.7	92.7	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 700	88.3	90.2	90.8	91.9	92.5	92.5	93.1	93.1	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 600	89.6	91.5	92.7	94.0	95.0	95.0	95.6	95.6	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 500	89.8	92.1	93.8	95.6	96.9	96.9	97.5	97.5	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 400	89.8	92.1	93.8	95.6	97.3	97.3	98.1	98.1	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 300	89.8	92.1	93.8	95.8	97.5	97.5	98.8	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 200	89.8	92.1	93.8	95.8	97.5	97.5	98.8	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 100	89.8	92.1	93.8	95.8	97.5	97.5	98.8	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 000	89.8	92.1	93.8	95.8	97.5	97.5	98.8	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 480

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: OCT HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	61.6	61.8	62.2	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
GE 20000	63.1	63.3	63.6	63.8	63.8	63.8	63.8	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
GE 18000	63.1	63.3	63.6	63.8	63.8	63.8	63.8	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
GE 16000	63.1	63.3	63.6	63.8	63.8	63.8	63.8	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
GE 14000	63.1	63.3	63.6	63.8	63.8	63.8	63.8	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
GE 12000	63.1	63.3	63.6	63.8	63.8	63.8	63.8	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
GE 10000	64.0	64.2	64.5	64.7	64.7	64.7	64.7	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
GE 9000	64.0	64.2	64.5	64.7	64.7	64.7	64.7	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
GE 8000	66.2	66.4	66.7	66.9	66.9	66.9	66.9	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 7000	66.2	66.4	66.7	66.9	66.9	66.9	66.9	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 6000	66.2	66.4	66.7	66.9	66.9	66.9	66.9	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 5000	66.5	66.7	67.1	67.3	67.3	67.3	67.3	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
GE 4500	66.5	66.7	67.1	67.3	67.3	67.3	67.3	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
GE 4000	67.1	67.3	67.6	67.8	67.8	67.8	67.8	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
GE 3500	68.0	68.4	68.7	68.9	69.1	69.1	69.3	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
GE 3000	69.3	69.8	70.2	70.4	70.5	70.5	70.7	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
GE 2500	70.7	71.3	71.6	72.2	72.4	72.4	72.5	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 2000	73.8	74.9	75.3	75.8	76.0	76.0	76.2	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
GE 1800	74.0	75.1	75.5	76.0	76.2	76.2	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 1500	77.5	78.7	79.1	80.2	80.4	80.4	80.5	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
GE 1200	80.2	81.5	82.0	83.3	83.5	83.5	83.6	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 1000	80.7	82.2	82.7	84.4	84.5	84.5	84.7	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 900	82.2	83.8	84.5	86.5	86.7	86.7	86.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 800	82.9	84.9	85.8	87.8	88.2	88.2	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 700	83.5	85.6	86.9	88.9	89.5	89.5	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 600	85.1	87.6	88.9	91.1	91.6	91.6	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 500	85.8	88.4	90.0	92.9	94.4	94.4	94.7	94.9	94.9	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 400	85.8	88.4	90.2	93.3	94.7	94.7	95.3	95.8	95.8	96.4	96.4	96.4	96.4	96.4	96.4	96.5
GE 300	86.0	88.5	90.7	93.8	95.5	95.5	96.0	96.7	96.7	97.3	97.3	97.3	97.5	97.5	97.6	98.0
GE 200	86.0	88.5	90.7	93.8	95.5	95.5	96.0	96.9	96.9	97.6	97.6	97.6	98.0	98.0	98.9	99.5
GE 100	86.0	88.5	90.7	93.8	95.5	95.5	96.2	97.1	97.1	97.8	97.8	97.8	98.2	98.2	99.1	99.6
GE 000	86.0	88.5	90.7	93.8	95.5	95.5	96.2	97.1	97.1	97.8	97.8	97.8	98.2	98.2	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 550

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: OCT HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	49.6	50.6	51.3	52.2	52.2	52.6	52.6	52.6	52.6	52.9	53.1	53.1	53.1	53.1	53.4	53.7
GE 20000	53.8	55.0	55.7	57.0	57.0	57.5	57.5	57.5	57.5	57.7	57.9	57.9	57.9	57.9	58.2	58.5
GE 18000	53.8	55.0	55.7	57.0	57.0	57.5	57.5	57.5	57.5	57.7	57.9	57.9	57.9	57.9	58.2	58.5
GE 16000	53.8	55.0	55.7	57.0	57.0	57.5	57.5	57.5	57.5	57.7	57.9	57.9	57.9	57.9	58.2	58.5
GE 14000	53.8	55.0	55.7	57.0	57.0	57.5	57.5	57.5	57.5	57.7	57.9	57.9	57.9	57.9	58.2	58.5
GE 12000	53.8	55.0	55.7	57.0	57.0	57.5	57.5	57.5	57.5	57.7	57.9	57.9	57.9	57.9	58.2	58.5
GE 10000	54.2	55.7	56.4	57.9	57.9	58.3	58.3	58.5	58.5	58.8	58.9	58.9	58.9	58.9	59.2	59.5
GE 9000	54.2	55.7	56.4	57.9	57.9	58.3	58.3	58.5	58.5	58.8	58.9	58.9	58.9	58.9	59.2	59.5
GE 8000	56.0	57.6	58.8	60.2	60.2	60.7	60.7	60.8	60.8	61.1	61.3	61.3	61.3	61.3	61.5	61.8
GE 7000	56.3	57.9	59.1	60.5	60.5	61.0	61.0	61.1	61.1	61.4	61.5	61.5	61.5	61.5	61.8	62.1
GE 6000	56.4	58.0	59.2	60.7	60.7	61.1	61.1	61.3	61.3	61.5	61.7	61.7	61.7	61.7	62.0	62.3
GE 5000	56.6	58.2	59.4	60.8	60.8	61.3	61.3	61.4	61.4	61.7	61.8	61.8	61.8	61.8	62.1	62.4
GE 4500	57.3	58.9	60.1	61.5	61.5	62.0	62.0	62.1	62.1	62.4	62.6	62.6	62.6	62.6	62.9	63.2
GE 4000	58.5	60.2	61.4	62.9	62.9	63.3	63.3	63.6	63.6	63.9	64.0	64.0	64.0	64.0	64.3	64.6
GE 3500	59.2	61.0	62.1	63.7	63.9	64.3	64.3	64.6	64.6	64.9	65.1	65.1	65.1	65.1	65.4	65.6
GE 3000	60.2	62.1	63.3	65.2	65.4	65.8	65.8	66.2	66.2	66.5	66.7	66.7	66.7	66.7	67.0	67.3
GE 2500	61.1	63.0	64.2	66.2	66.4	66.8	66.8	67.3	67.3	67.5	67.7	67.7	67.7	67.7	68.0	68.3
GE 2000	64.0	66.1	67.4	69.4	69.6	70.0	70.0	70.5	70.5	70.8	70.9	70.9	70.9	70.9	71.2	71.5
GE 1800	64.3	66.4	67.7	69.7	69.9	70.3	70.3	70.8	70.8	71.1	71.2	71.2	71.2	71.2	71.5	71.8
GE 1500	67.0	69.4	70.8	73.1	73.4	74.0	74.0	74.4	74.4	74.7	74.9	74.9	74.9	74.9	75.1	75.4
GE 1200	69.6	72.5	74.3	77.0	77.5	78.1	78.1	78.5	78.5	78.8	78.9	78.9	78.9	78.9	79.2	79.5
GE 1000	70.5	73.8	75.6	78.4	78.9	79.5	79.7	80.4	80.4	80.7	80.8	80.8	80.8	80.8	81.3	81.6
GE 900	71.8	75.4	77.3	80.3	81.0	81.6	82.0	83.0	83.0	83.3	83.5	83.5	83.5	83.5	83.9	84.2
GE 800	72.4	76.3	78.4	81.9	82.6	83.2	83.6	84.6	84.6	84.9	85.1	85.1	85.1	85.1	85.5	85.8
GE 700	73.0	76.9	79.1	82.9	83.8	84.4	84.8	85.8	85.8	86.1	86.4	86.4	86.4	86.4	86.8	87.1
GE 600	74.0	78.1	80.6	84.5	85.5	86.3	86.8	88.0	88.0	88.3	88.6	88.6	88.6	88.6	89.0	89.3
GE 500	74.3	78.7	81.3	85.4	87.3	88.2	88.9	90.4	90.4	90.8	91.1	91.1	91.1	91.1	91.5	91.8
GE 400	74.6	79.1	81.9	86.1	88.3	89.2	90.4	91.8	91.8	92.4	92.7	92.7	92.7	92.7	93.3	93.6
GE 300	74.7	79.2	82.0	86.4	88.7	89.6	91.1	92.8	92.8	93.9	94.4	94.4	94.4	94.6	95.5	95.9
GE 200	74.7	79.2	82.0	86.4	88.7	89.6	91.1	93.0	93.0	94.0	95.0	95.0	95.5	95.8	97.8	99.0
GE 100	74.7	79.4	82.2	86.5	88.9	89.8	91.4	93.3	93.3	94.3	95.3	95.3	95.8	96.1	98.5	99.9
GE 000	74.7	79.4	82.2	86.5	88.9	89.8	91.4	93.3	93.3	94.3	95.3	95.3	95.8	96.1	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS 684

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: OCT HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	49.2	49.8	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.2	50.2
GE 20000	53.4	54.8	55.2	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.5	55.5
GE 18000	53.9	55.2	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	56.0	56.0
GE 16000	54.3	55.7	56.1	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.4	56.4
GE 14000	54.3	55.7	56.1	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.4	56.4
GE 12000	54.5	56.3	56.7	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	57.0	57.0
GE 10000	56.0	57.8	58.2	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.5	58.5
GE 9000	56.1	57.9	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.7	58.7
GE 8000	57.8	59.6	60.4	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.8	60.8
GE 7000	58.4	60.2	61.0	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.4	61.4
GE 6000	58.5	60.4	61.1	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.6	61.6
GE 5000	58.5	60.4	61.1	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.6	61.6
GE 4500	59.6	61.6	62.3	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.9	62.9
GE 4000	60.5	62.5	63.2	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.8	63.8
GE 3500	61.3	63.2	64.0	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.6	64.6
GE 3000	64.9	67.2	68.1	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	69.0	69.0
GE 2500	67.0	69.4	70.3	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.3	71.3
GE 2000	72.0	74.4	75.3	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.2	76.2
GE 1800	72.5	74.9	75.8	76.4	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.7	76.7
GE 1500	76.2	78.7	79.6	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.9	80.9
GE 1200	78.7	81.4	82.5	83.8	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.1	84.1
GE 1000	80.3	83.2	84.4	85.8	86.1	86.1	86.1	86.1	86.1	86.2	86.2	86.2	86.4	86.4	86.5	86.5
GE 900	81.2	84.4	85.6	87.3	88.0	88.0	88.2	88.4	88.4	88.7	88.7	88.7	88.8	88.8	89.0	89.0
GE 800	81.7	84.9	86.2	87.9	88.8	88.8	89.0	89.1	89.1	89.4	89.4	89.4	89.6	89.6	89.7	89.9
GE 700	82.3	85.5	87.0	88.8	90.0	90.0	90.3	90.5	90.5	90.8	90.8	90.8	90.9	90.9	91.1	91.2
GE 600	83.1	86.5	88.5	90.6	92.3	92.3	93.0	93.2	93.2	93.5	93.5	93.5	93.6	93.6	93.8	93.9
GE 500	83.5	87.0	89.0	91.7	93.5	93.5	94.7	94.9	94.9	95.2	95.2	95.2	95.3	95.3	95.6	95.8
GE 400	83.5	87.0	89.0	91.7	93.8	93.8	95.2	95.3	95.5	95.9	96.1	96.1	96.2	96.2	96.5	96.7
GE 300	83.5	87.0	89.0	91.7	93.8	93.8	95.3	95.6	95.8	96.2	96.5	96.5	97.1	97.1	97.7	97.9
GE 200	83.5	87.0	89.0	91.7	93.8	93.8	95.3	95.9	96.1	96.5	97.0	97.0	98.3	98.5	99.7	100.0
GE 100	83.5	87.0	89.0	91.7	93.8	93.8	95.3	95.9	96.1	96.5	97.0	97.0	98.3	98.5	99.7	100.0
GE 000	83.5	87.0	89.0	91.7	93.8	93.8	95.3	95.9	96.1	96.5	97.0	97.0	98.3	98.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 661

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: OCT HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	54.7	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
GE 20000	61.3	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
GE 18000	61.4	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
GE 16000	61.9	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
GE 14000	61.9	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
GE 12000	62.0	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
GE 10000	63.7	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
GE 9000	63.9	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 8000	65.1	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 7000	66.0	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 6000	66.0	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 5000	66.1	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE 4500	66.1	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE 4000	68.7	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 3500	72.4	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
GE 3000	78.2	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 2500	81.6	83.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
GE 2000	85.5	87.3	87.8	87.8	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 1800	85.7	87.5	88.0	88.0	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 1500	87.2	89.0	89.6	89.8	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 1200	88.1	90.1	90.8	91.1	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 1000	89.3	91.3	92.3	92.8	93.2	93.2	93.2	93.2	93.2	93.2	93.4	93.4	93.4	93.4	93.4	93.5
GE 900	89.5	91.7	93.2	93.7	94.6	94.6	94.7	94.7	94.7	94.7	94.9	94.9	94.9	94.9	94.9	95.0
GE 800	89.9	92.2	93.8	94.3	95.2	95.2	95.3	95.3	95.3	95.5	95.5	95.5	95.5	95.5	95.6	95.6
GE 700	90.4	92.6	94.3	94.9	96.1	96.1	96.5	96.5	96.5	96.7	96.7	96.7	96.7	96.7	96.8	96.8
GE 600	90.7	93.1	94.7	95.3	97.0	97.1	98.0	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.3	98.3
GE 500	90.8	93.2	94.9	95.5	97.1	97.3	98.3	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.6	98.6
GE 400	90.8	93.2	94.9	95.6	97.4	97.6	98.6	98.8	98.8	99.1	99.1	99.1	99.1	99.1	99.2	99.2
GE 300	90.8	93.2	94.9	95.6	97.4	97.7	98.8	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.5	99.5
GE 200	91.0	93.4	95.0	95.8	97.6	97.9	98.9	99.2	99.2	99.7	99.7	99.7	99.7	99.7	99.8	99.8
GE 100	91.0	93.4	95.0	95.8	97.6	97.9	98.9	99.2	99.2	99.7	99.7	99.7	99.7	99.7	99.8	99.8
GE 000	91.0	93.4	95.0	95.8	97.6	97.9	98.9	99.2	99.2	99.7	99.7	99.7	99.7	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 664

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: OCT HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
GE 20000	67.9	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
GE 18000	68.2	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
GE 16000	68.4	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE 14000	68.4	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE 12000	68.5	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE 10000	70.5	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 9000	71.0	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 8000	73.3	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
GE 7000	74.2	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
GE 6000	74.6	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
GE 5000	75.1	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 4500	75.8	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 4000	78.7	79.2	79.2	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
GE 3500	83.3	83.7	83.7	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 3000	87.1	87.8	87.8	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 2500	88.1	89.1	89.1	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 2000	89.1	90.0	90.7	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 1800	89.1	90.0	90.7	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 1500	91.0	91.9	92.9	93.3	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 1200	91.8	92.7	93.8	94.2	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 1000	91.9	92.9	93.9	94.4	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 900	92.2	93.3	94.4	94.8	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 800	92.6	93.6	94.7	95.1	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 700	93.3	94.7	95.7	96.2	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 600	93.8	95.1	96.4	96.8	98.2	98.3	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 500	93.8	95.1	96.4	96.8	98.2	98.5	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 400	93.8	95.1	96.4	96.8	98.5	98.8	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 300	93.8	95.1	96.4	96.8	98.5	98.8	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 200	93.8	95.1	96.4	96.8	98.5	98.8	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	93.8	95.1	96.4	96.8	98.5	98.8	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	93.8	95.1	96.4	96.8	98.5	98.8	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 658

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: OCT HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	67.3	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
GE 20000	74.7	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
GE 18000	74.7	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
GE 16000	74.7	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
GE 14000	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
GE 12000	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 10000	76.7	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
GE 9000	77.3	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 8000	79.7	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 7000	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 6000	80.9	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 5000	81.5	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 4500	81.8	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 4000	84.1	84.3	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 3500	85.8	85.9	85.9	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 3000	87.3	87.4	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 2500	87.6	87.7	87.9	87.9	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 2000	89.0	89.1	89.4	89.6	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 1800	89.1	89.3	89.6	89.7	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 1500	90.5	90.8	91.4	91.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 1200	90.9	91.2	92.0	92.1	94.1	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 1000	91.8	92.3	93.0	93.2	95.3	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 900	92.0	92.4	93.2	93.3	95.6	95.6	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 800	92.1	92.7	93.5	93.6	95.9	95.9	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 700	92.4	93.0	93.9	94.1	96.4	96.4	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 600	92.6	93.2	94.3	94.4	97.0	97.0	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 500	92.6	93.2	94.7	95.0	97.7	97.7	98.5	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 400	92.6	93.2	94.7	95.0	97.7	97.7	98.6	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 300	92.6	93.2	94.7	95.0	97.7	97.7	98.6	98.9	99.1	99.2	99.4	99.4	99.5	99.5	99.5	99.5
GE 200	92.6	93.2	94.7	95.0	97.7	97.7	98.6	98.9	99.1	99.2	99.4	99.4	99.8	99.8	99.8	99.8
GE 100	92.6	93.2	94.7	95.0	97.7	97.7	98.6	98.9	99.1	99.2	99.4	99.4	99.8	100.0	100.0	100.0
GE 000	92.6	93.2	94.7	95.0	97.7	97.7	98.6	98.9	99.1	99.2	99.4	99.4	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 661

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: OCT HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	73.9	74.5	74.9	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
GE 20000	78.5	79.1	79.4	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 18000	78.7	79.3	79.6	79.6	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 16000	78.7	79.3	79.6	79.6	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 14000	78.7	79.3	79.6	79.6	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 12000	78.9	79.4	79.8	79.8	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 10000	79.4	80.0	80.4	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 9000	79.4	80.0	80.4	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 8000	81.5	82.0	82.4	82.4	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 7000	81.5	82.0	82.4	82.4	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 6000	81.8	82.4	82.8	82.8	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 5000	82.6	83.1	83.5	83.5	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 4500	83.3	83.9	84.2	84.2	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 4000	83.9	84.4	84.8	84.8	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 3500	84.8	85.3	85.7	85.9	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 3000	86.2	87.0	87.5	87.9	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 2500	86.8	87.5	88.1	89.0	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 2000	88.1	88.8	89.4	90.3	90.6	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 1800	88.3	89.0	89.5	90.5	90.8	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 1500	89.5	90.5	91.0	92.1	92.5	92.5	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 1200	89.5	90.5	91.0	92.1	92.8	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 1000	90.3	91.2	91.7	92.8	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 900	91.6	92.5	93.0	94.1	95.0	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 800	91.9	92.8	93.4	94.5	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 700	92.3	93.2	93.8	94.9	95.8	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 600	92.8	93.8	94.5	95.6	96.5	96.5	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 500	92.8	93.8	95.2	96.7	97.6	97.6	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 400	92.8	93.8	95.2	96.7	97.8	97.8	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 300	92.8	93.8	95.2	96.7	97.8	97.8	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 200	92.8	93.8	95.2	96.7	97.8	97.8	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.8	99.8
GE 100	92.8	93.8	95.2	96.7	97.8	97.8	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.8	100.0	100.0
GE 000	92.8	93.8	95.2	96.7	97.8	97.8	99.4	99.6	99.6	99.6	99.6	99.6	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 545



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: OCT HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	59.9	60.4	60.6	60.8	60.8	60.9	60.9	60.9	60.9	60.9	61.0	61.0	61.0	61.0	61.0	61.1
GE 20000	65.1	65.8	66.1	66.3	66.3	66.4	66.4	66.4	66.4	66.5	66.5	66.5	66.5	66.5	66.6	66.6
GE 18000	65.3	66.0	66.2	66.5	66.5	66.6	66.6	66.6	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.8
GE 16000	65.4	66.1	66.4	66.6	66.6	66.7	66.7	66.7	66.7	66.8	66.8	66.8	66.8	66.8	66.9	66.9
GE 14000	65.4	66.1	66.4	66.6	66.7	66.7	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.9	66.9
GE 12000	65.6	66.3	66.6	66.8	66.8	66.9	66.9	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.1	67.1
GE 10000	66.8	67.7	67.9	68.2	68.2	68.3	68.3	68.3	68.3	68.4	68.4	68.4	68.4	68.4	68.5	68.5
GE 9000	67.0	67.8	68.1	68.4	68.4	68.4	68.5	68.5	68.5	68.6	68.6	68.6	68.6	68.6	68.7	68.7
GE 8000	68.9	69.7	70.1	70.4	70.4	70.5	70.5	70.5	70.5	70.6	70.6	70.6	70.6	70.6	70.7	70.7
GE 7000	69.3	70.2	70.5	70.8	70.9	70.9	70.9	71.0	71.0	71.0	71.1	71.1	71.1	71.1	71.1	71.2
GE 6000	69.5	70.4	70.8	71.1	71.1	71.2	71.2	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.4	71.4
GE 5000	69.9	70.8	71.2	71.4	71.5	71.5	71.6	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.8	71.8
GE 4500	70.4	71.3	71.7	72.0	72.0	72.1	72.1	72.1	72.1	72.2	72.2	72.2	72.2	72.2	72.3	72.3
GE 4000	71.8	72.8	73.1	73.5	73.5	73.6	73.6	73.7	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.9
GE 3500	73.7	74.7	75.1	75.4	75.5	75.6	75.6	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.9	75.9
GE 3000	76.2	77.4	77.9	78.4	78.5	78.6	78.6	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.9	78.9
GE 2500	77.7	78.9	79.4	80.0	80.1	80.2	80.3	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.5	80.5
GE 2000	80.2	81.6	82.2	82.9	83.1	83.2	83.2	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.5	83.5
GE 1800	80.4	81.7	82.4	83.1	83.3	83.4	83.4	83.5	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.7
GE 1500	82.7	84.1	84.8	85.7	86.1	86.2	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.5	86.5
GE 1200	84.2	85.8	86.7	87.7	88.4	88.5	88.6	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.8	88.8
GE 1000	85.1	86.8	87.7	88.8	89.6	89.7	89.8	89.9	89.9	90.0	90.1	90.1	90.1	90.1	90.2	90.2
GE 900	85.9	87.7	88.8	90.0	90.9	91.0	91.3	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.7	91.8
GE 800	86.3	88.3	89.5	90.8	91.8	91.9	92.1	92.3	92.3	92.4	92.4	92.4	92.4	92.5	92.5	92.6
GE 700	86.8	88.8	90.1	91.5	92.7	92.8	93.1	93.3	93.3	93.4	93.4	93.4	93.5	93.5	93.6	93.6
GE 600	87.5	89.7	91.2	92.7	94.1	94.2	94.7	95.0	95.0	95.1	95.2	95.2	95.2	95.2	95.3	95.3
GE 500	87.7	90.0	91.7	93.5	95.2	95.4	96.1	96.5	96.5	96.7	96.8	96.8	96.8	96.8	96.9	97.0
GE 400	87.8	90.1	91.8	93.7	95.6	95.8	96.7	97.1	97.2	97.5	97.5	97.5	97.6	97.6	97.7	97.8
GE 300	87.8	90.1	91.9	93.8	95.7	95.9	97.0	97.6	97.6	98.0	98.1	98.1	98.3	98.3	98.5	98.7
GE 200	87.8	90.1	91.9	93.8	95.8	96.0	97.1	97.7	97.8	98.2	98.4	98.4	98.8	98.8	99.4	99.7
GE 100	87.8	90.1	92.0	93.9	95.8	96.0	97.1	97.8	97.9	98.3	98.5	98.5	98.9	98.9	99.6	99.9
GE 000	87.8	90.1	92.0	93.9	95.8	96.0	97.1	97.8	97.9	98.3	98.5	98.5	98.9	98.9	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 4903

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: NOV HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	55.6	56.4	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
GE 20000	58.2	59.0	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
GE 18000	58.2	59.0	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
GE 16000	58.2	59.0	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
GE 14000	58.2	59.0	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
GE 12000	58.5	59.3	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
GE 10000	59.6	60.4	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
GE 9000	59.6	60.4	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
GE 8000	59.8	60.6	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
GE 7000	60.4	61.4	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
GE 6000	62.0	63.0	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
GE 5000	62.5	63.6	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 4500	64.4	65.4	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
GE 4000	66.2	67.3	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 3500	68.9	69.9	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
GE 3000	72.1	73.1	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 2500	73.9	75.0	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
GE 2000	77.4	78.5	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 1800	77.4	78.5	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 1500	81.1	82.7	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 1200	84.6	87.0	87.8	88.3	88.3	88.3	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 1000	86.7	89.4	90.4	91.0	91.0	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 900	88.6	92.0	93.1	93.9	93.9	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 800	89.1	93.1	94.1	95.2	95.2	95.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 700	89.6	94.1	95.2	96.5	96.5	96.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 600	89.6	94.1	95.2	97.1	97.3	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 500	90.2	94.7	95.7	97.9	98.1	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 400	90.2	94.7	95.7	97.9	98.1	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 300	90.2	94.7	95.7	97.9	98.1	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 200	90.2	94.7	95.7	97.9	98.1	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 100	90.2	94.7	95.7	97.9	98.1	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 000	90.2	94.7	95.7	97.9	98.1	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 376

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: NOV HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	48.0	50.1	50.4	50.7	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	52.0
GE 20000	49.6	51.7	52.0	52.3	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.6
GE 18000	49.6	51.7	52.0	52.3	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.6
GE 16000	49.6	51.7	52.0	52.3	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.6
GE 14000	49.6	51.7	52.0	52.3	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.6
GE 12000	49.6	51.7	52.0	52.3	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.6
GE 10000	50.1	52.3	52.5	52.8	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	54.1
GE 9000	50.1	52.3	52.5	52.8	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	54.1
GE 8000	50.1	52.3	52.8	53.1	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	54.4
GE 7000	50.7	52.8	53.6	53.9	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	55.2
GE 6000	51.7	53.9	54.7	54.9	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	56.3
GE 5000	52.8	54.9	55.7	56.0	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	57.3
GE 4500	54.9	57.1	57.9	58.1	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	59.5
GE 4000	56.3	58.4	59.2	59.5	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.8
GE 3500	57.9	60.0	60.8	61.1	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	62.4
GE 3000	61.6	63.7	64.5	64.8	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	66.1
GE 2500	64.0	66.1	66.9	67.2	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.5
GE 2000	66.1	68.3	69.1	69.3	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.7
GE 1800	67.2	69.3	70.1	70.4	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.7
GE 1500	72.5	75.2	76.0	76.3	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	78.1
GE 1200	78.7	81.6	82.4	82.7	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.5
GE 1000	80.5	84.0	84.8	85.1	86.7	86.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	87.5
GE 900	81.9	85.9	86.9	87.2	88.8	88.8	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.6
GE 800	82.7	86.7	88.0	88.3	89.9	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.7
GE 700	82.9	87.7	89.1	89.9	91.5	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	92.3
GE 600	82.9	88.3	89.6	90.4	92.8	92.8	93.1	93.1	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.9
GE 500	83.2	88.8	90.4	91.2	94.1	94.1	94.4	94.4	94.4	94.7	94.7	94.7	95.2	95.2	95.2	95.7
GE 400	83.5	89.1	90.7	91.5	94.4	94.4	94.7	94.7	94.7	94.9	94.9	94.9	95.5	95.5	95.5	96.0
GE 300	83.5	89.1	90.7	91.5	94.7	94.7	94.9	94.9	94.9	95.2	95.2	95.2	95.7	95.7	95.7	96.3
GE 200	83.5	89.1	90.9	91.7	95.5	95.5	96.3	96.3	96.3	96.5	96.5	96.5	97.3	97.3	97.3	97.9
GE 100	83.5	89.1	90.9	91.7	95.5	95.5	96.3	96.3	96.3	96.5	96.5	96.5	97.3	97.3	97.3	98.1
GE 000	83.5	89.1	90.9	91.7	95.5	95.5	96.3	96.3	96.3	96.5	96.5	96.5	97.6	97.6	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS 375

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: NOV HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	42.4	43.6	44.6	45.6	46.2	46.2	46.2	46.4	46.6	46.9	46.9	46.9	47.2	47.2	47.6	47.7
GE 20000	45.1	46.6	47.7	48.9	49.6	49.6	49.7	49.9	50.1	50.4	50.4	50.4	50.8	50.8	51.3	51.4
GE 18000	45.1	46.6	47.9	49.1	49.7	49.7	49.9	50.1	50.3	50.6	50.6	50.6	50.9	50.9	51.4	51.6
GE 16000	45.1	46.6	47.9	49.1	49.7	49.7	49.9	50.1	50.3	50.6	50.6	50.6	50.9	50.9	51.4	51.6
GE 14000	45.1	46.6	47.9	49.1	49.7	49.7	49.9	50.1	50.3	50.6	50.6	50.6	50.9	50.9	51.4	51.6
GE 12000	45.2	46.7	48.2	49.4	50.1	50.1	50.3	50.4	50.6	50.9	50.9	50.9	51.3	51.3	51.8	51.9
GE 10000	47.4	48.9	50.4	51.6	52.3	52.3	52.4	52.6	52.8	53.1	53.1	53.1	53.4	53.4	54.1	54.3
GE 9000	47.6	49.1	50.6	51.8	52.4	52.4	52.6	52.8	52.9	53.3	53.3	53.3	53.6	53.6	54.3	54.4
GE 8000	48.7	50.3	51.8	52.9	53.6	53.6	53.8	53.9	54.1	54.4	54.4	54.4	54.8	54.8	55.4	55.6
GE 7000	49.7	51.3	52.8	53.9	54.6	54.6	54.8	54.9	55.1	55.4	55.4	55.4	55.8	55.8	56.4	56.6
GE 6000	50.3	51.8	53.3	54.4	55.1	55.1	55.3	55.4	55.6	55.9	55.9	55.9	56.3	56.3	57.0	57.1
GE 5000	51.3	52.9	54.4	55.6	56.3	56.3	56.4	56.6	56.8	57.1	57.1	57.1	57.5	57.5	58.1	58.3
GE 4500	53.1	54.8	56.3	57.5	58.1	58.1	58.3	58.5	58.6	59.0	59.0	59.0	59.3	59.3	60.0	60.1
GE 4000	54.4	56.1	57.6	58.8	59.5	59.5	59.6	59.8	60.1	60.5	60.5	60.5	60.8	60.8	61.5	61.6
GE 3500	57.0	58.8	60.3	61.5	62.1	62.1	62.3	62.5	62.8	63.1	63.1	63.1	63.5	63.5	64.2	64.3
GE 3000	58.5	60.5	62.0	63.1	63.8	63.8	64.3	64.5	64.8	65.3	65.5	65.5	65.8	65.8	66.5	66.7
GE 2500	60.3	62.3	64.0	65.2	65.8	65.8	66.3	66.5	66.8	67.3	67.5	67.5	67.8	67.8	68.5	68.7
GE 2000	65.7	68.2	69.8	71.0	71.9	71.9	72.4	72.5	72.9	73.4	73.5	73.5	73.9	73.9	74.5	74.7
GE 1800	66.2	68.7	70.4	71.5	72.4	72.4	72.9	73.0	73.4	73.9	74.0	74.0	74.4	74.4	75.0	75.2
GE 1500	69.8	72.7	74.7	75.9	77.1	77.1	77.7	77.9	78.2	78.9	79.1	79.1	79.4	79.4	80.1	80.2
GE 1200	71.9	75.0	77.2	78.6	80.1	80.1	80.9	81.4	81.7	82.4	82.6	82.6	82.9	82.9	83.6	83.8
GE 1000	72.7	76.5	79.1	80.6	82.2	82.2	83.6	84.1	84.4	85.1	85.3	85.3	85.6	85.6	86.3	86.4
GE 900	73.5	77.4	80.1	81.6	83.4	83.4	85.1	85.6	85.9	86.6	86.8	86.8	87.1	87.1	87.8	87.9
GE 800	73.9	77.9	81.1	82.6	84.4	84.4	86.1	86.6	86.9	87.6	87.8	87.8	88.1	88.1	88.8	88.9
GE 700	74.4	78.4	81.7	83.4	85.3	85.3	86.9	87.4	87.8	88.4	88.6	88.6	89.1	89.1	89.8	89.9
GE 600	74.7	78.7	82.2	84.1	85.9	85.9	87.6	88.1	88.4	89.1	89.3	89.3	89.8	89.8	90.5	90.6
GE 500	75.0	79.1	82.6	84.6	87.1	87.1	89.1	89.8	90.1	90.8	91.0	91.0	91.5	91.5	92.1	92.3
GE 400	75.4	79.4	82.9	84.9	87.6	87.8	89.9	90.8	91.1	91.8	92.0	92.0	92.5	92.5	93.1	93.3
GE 300	75.4	79.4	82.9	84.9	87.8	87.9	90.5	91.5	91.8	92.5	92.8	92.8	93.6	93.6	94.5	94.6
GE 200	75.4	79.4	83.1	85.1	88.1	88.3	90.8	91.8	92.1	92.8	93.6	93.6	94.6	94.6	95.8	96.1
GE 100	75.7	79.7	83.4	85.4	88.4	88.6	91.3	92.3	92.6	93.3	94.3	94.3	95.8	96.0	97.8	98.3
GE 000	75.7	79.7	83.4	85.4	88.4	88.6	91.3	92.3	92.6	93.3	94.3	94.3	95.8	96.0	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS 597

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: NOV HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	45.4	46.1	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.6	46.6	46.6	46.6	46.6	46.6
GE 20000	49.8	50.7	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	51.2	51.2	51.2	51.2	51.2	51.2
GE 18000	50.4	51.4	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	52.0	52.0	52.0	52.0	52.0	52.0
GE 16000	50.4	51.4	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	52.0	52.0	52.0	52.0	52.0	52.0
GE 14000	50.4	51.4	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	52.0	52.0	52.0	52.0	52.0	52.0
GE 12000	50.5	51.6	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	52.1	52.1	52.1	52.1	52.1	52.1
GE 10000	52.8	54.1	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.6	54.6	54.6	54.6	54.6	54.6
GE 9000	53.2	54.4	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	55.0	55.0	55.0	55.0	55.0	55.0
GE 8000	55.7	56.9	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.4	57.4	57.4	57.4	57.4	57.4
GE 7000	56.4	57.6	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	58.2	58.2	58.2	58.2	58.2	58.2
GE 6000	56.9	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.7	58.7	58.7	58.7	58.7	58.7
GE 5000	57.8	59.0	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.6	59.6	59.6	59.6	59.6	59.6
GE 4500	58.9	60.1	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.6	60.6	60.6	60.6	60.6	60.6
GE 4000	61.0	62.2	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.9	62.9	62.9	62.9	62.9	62.9
GE 3500	61.7	62.9	63.5	63.7	63.7	63.7	63.7	63.7	63.7	63.7	64.0	64.0	64.0	64.0	64.0	64.0
GE 3000	64.9	66.5	67.0	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.9	67.9	67.9	67.9	67.9	67.9
GE 2500	68.8	70.7	71.3	71.8	71.8	71.8	71.8	71.8	71.8	71.8	72.2	72.2	72.2	72.2	72.2	72.2
GE 2000	73.9	76.6	77.1	77.8	77.8	77.8	77.8	77.8	77.8	77.8	78.4	78.4	78.4	78.4	78.4	78.4
GE 1800	74.6	77.3	77.8	78.5	78.5	78.5	78.5	78.5	78.5	78.5	79.1	79.1	79.1	79.1	79.1	79.1
GE 1500	77.8	81.0	81.6	82.3	82.4	82.4	82.4	82.4	82.4	82.4	83.0	83.0	83.0	83.0	83.0	83.0
GE 1200	81.6	85.1	85.8	86.5	86.9	86.9	87.1	87.1	87.1	87.1	87.6	87.6	87.6	87.6	87.6	87.6
GE 1000	83.0	86.5	87.2	87.9	88.3	88.3	88.5	88.5	88.5	88.5	89.0	89.0	89.0	89.0	89.0	89.0
GE 900	83.3	87.4	88.3	89.0	89.7	89.7	89.9	89.9	89.9	89.9	90.4	90.4	90.4	90.4	90.4	90.4
GE 800	83.5	87.8	88.8	89.5	90.2	90.2	90.6	90.6	90.6	90.6	91.1	91.1	91.1	91.1	91.1	91.1
GE 700	84.4	88.8	90.2	91.1	92.0	92.0	92.6	92.6	92.6	92.6	93.1	93.1	93.1	93.1	93.1	93.3
GE 600	84.4	88.8	90.4	91.7	92.6	92.6	93.3	93.3	93.3	93.3	93.8	93.8	93.8	93.8	93.8	94.0
GE 500	84.6	89.5	91.1	92.7	93.8	93.8	94.9	94.9	94.9	94.9	95.4	95.4	95.6	95.6	95.6	95.7
GE 400	84.6	89.5	91.3	93.1	94.5	94.5	95.7	95.9	95.9	95.9	96.6	96.6	97.2	97.2	97.2	97.3
GE 300	84.6	89.5	91.3	93.1	94.5	94.5	95.9	96.3	96.3	96.3	97.2	97.2	97.7	97.7	97.7	97.9
GE 200	84.6	89.5	91.3	93.1	94.5	94.5	95.9	96.3	96.3	96.3	97.5	97.5	98.0	98.8	99.3	99.5
GE 100	84.6	89.5	91.3	93.1	94.5	94.5	95.9	96.3	96.3	96.3	97.5	97.5	98.0	98.8	99.5	99.6
GE 000	84.6	89.5	91.3	93.1	94.5	94.5	95.9	96.3	96.3	96.3	97.5	97.5	98.0	98.8	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 564

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: NOV HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
GE 20000	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
GE 18000	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
GE 16000	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
GE 14000	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
GE 12000	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
GE 10000	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
GE 9000	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
GE 8000	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
GE 7000	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
GE 6000	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
GE 5000	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 4500	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 4000	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 3500	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 3000	79.9	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 2500	84.4	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 2000	88.5	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 1800	88.5	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 1500	90.9	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 1200	93.4	94.3	94.5	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 1000	93.8	94.7	95.0	95.2	95.2	95.2	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 900	94.8	95.7	96.1	96.4	96.4	96.4	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 800	94.8	95.7	96.1	96.4	96.6	96.8	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 700	95.0	95.9	96.3	96.6	96.8	97.0	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 600	95.2	96.1	96.4	96.8	97.0	97.2	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 500	95.4	96.6	97.3	97.9	98.4	98.6	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 400	95.4	96.6	97.3	97.9	98.4	98.6	99.5	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 300	95.4	96.6	97.3	97.9	98.4	98.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	95.4	96.6	97.3	97.9	98.4	98.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	95.4	96.6	97.3	97.9	98.4	98.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	95.4	96.6	97.3	97.9	98.4	98.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 563

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: NOV HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
GE 20000	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
GE 18000	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
GE 16000	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
GE 14000	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 12000	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 10000	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 9000	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 8000	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 7000	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 6000	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 5000	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 4500	75.8	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
GE 4000	78.8	79.2	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 3500	82.9	83.2	83.2	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 3000	86.6	87.3	87.3	87.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 2500	88.7	89.6	89.6	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 2000	91.9	92.9	92.9	92.9	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 1800	92.0	93.1	93.1	93.1	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 1500	92.6	93.6	93.8	94.0	94.3	94.3	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 1200	93.6	94.9	95.2	95.6	95.9	95.9	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 1000	94.0	95.2	95.8	96.1	96.6	96.6	96.6	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 900	94.2	95.4	95.9	96.3	96.8	96.8	96.8	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 800	94.3	95.6	96.1	96.5	97.2	97.2	97.2	97.5	97.7	97.7	97.7	97.7	97.7	97.9	97.9	97.9
GE 700	94.3	95.6	96.3	96.6	97.3	97.3	97.5	98.1	98.2	98.2	98.2	98.2	98.4	98.4	98.4	98.4
GE 600	94.3	95.6	96.3	96.6	97.7	97.7	98.1	98.6	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9
GE 500	94.7	95.9	96.6	97.0	98.2	98.2	98.8	99.3	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6
GE 400	94.7	95.9	96.6	97.0	98.2	98.2	98.8	99.3	99.5	99.6	99.6	99.6	99.8	99.8	99.8	99.8
GE 300	94.7	95.9	96.6	97.0	98.2	98.2	98.8	99.3	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 200	94.7	95.9	96.6	97.0	98.2	98.2	98.8	99.3	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 100	94.7	95.9	96.6	97.0	98.2	98.2	98.8	99.3	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 000	94.7	95.9	96.6	97.0	98.2	98.2	98.8	99.3	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 566

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: NOV HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	60.0	60.1	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
GE 20000	66.7	66.9	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 18000	66.7	66.9	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 16000	66.7	66.9	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 14000	66.7	66.9	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 12000	67.8	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 10000	69.6	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 9000	70.1	70.3	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
GE 8000	72.1	72.2	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 7000	74.6	75.1	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 6000	76.2	76.7	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
GE 5000	78.1	78.6	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 4500	79.4	79.9	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 4000	82.4	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 3500	85.2	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 3000	88.1	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 2500	90.0	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 2000	91.1	92.3	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 1800	91.3	92.5	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 1500	92.2	93.6	94.7	94.7	94.7	94.7	94.7	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 1200	92.5	94.0	95.0	95.0	95.0	95.0	95.0	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 1000	92.5	94.0	95.4	95.4	95.6	95.6	95.6	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 900	92.5	94.1	95.6	95.6	96.1	96.1	96.1	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 800	92.5	94.1	95.7	95.9	96.4	96.4	96.4	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 700	93.2	94.8	96.4	96.6	97.2	97.2	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 600	93.2	94.8	96.4	96.8	97.5	97.5	97.5	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 500	94.0	95.6	97.3	97.7	98.4	98.4	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 400	94.0	95.6	97.3	97.7	98.4	98.4	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 300	94.0	95.7	97.5	97.9	98.6	98.6	98.6	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 200	94.0	95.7	97.5	97.9	98.6	98.6	98.6	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 100	94.0	95.7	97.5	97.9	98.6	98.6	98.6	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 000	94.0	95.7	97.5	97.9	98.6	98.6	98.6	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 562



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: NOV HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	61.0	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
GE 20000	66.1	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 18000	66.1	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 16000	66.1	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 14000	66.1	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 12000	66.1	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 10000	67.5	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 9000	67.5	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 8000	69.1	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
GE 7000	70.3	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
GE 6000	71.5	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 5000	72.7	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 4500	74.3	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 4000	77.0	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 3500	78.8	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 3000	82.8	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 2500	84.4	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 2000	87.9	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 1800	87.9	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 1500	89.1	89.5	89.5	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 1200	91.5	91.9	91.9	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 1000	92.5	92.9	92.9	92.9	93.1	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 900	93.7	94.1	94.1	94.3	94.5	94.5	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 800	94.1	94.5	94.7	94.9	95.0	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 700	94.5	95.2	95.8	96.0	96.2	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 600	94.7	95.4	96.0	96.2	96.6	96.8	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 500	94.9	95.6	96.4	96.6	97.0	97.4	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 400	95.0	96.0	96.8	97.4	97.8	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 300	95.0	96.0	96.8	97.4	97.8	98.2	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 200	95.0	96.0	96.8	97.4	98.0	98.4	99.0	99.0	99.0	99.0	99.0	99.2	99.2	99.2	99.2	99.2
GE 100	95.0	96.0	96.8	97.4	98.0	98.4	99.0	99.0	99.0	99.0	99.0	99.2	99.2	99.2	99.2	99.2
GE 000	95.0	96.0	96.8	97.4	98.0	98.4	99.0	99.0	99.0	99.0	99.0	99.2	99.2	99.2	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 505

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: NOV HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	51.7	52.3	52.6	52.7	52.9	52.9	52.9	52.9	52.9	53.0	53.0	53.0	53.1	53.1	53.1	53.2
GE 20000	57.0	57.6	57.9	58.1	58.3	58.3	58.3	58.3	58.3	58.4	58.4	58.4	58.5	58.5	58.6	58.6
GE 18000	57.2	57.9	58.2	58.4	58.5	58.5	58.6	58.6	58.6	58.7	58.7	58.7	58.8	58.8	58.8	58.9
GE 16000	57.2	57.9	58.2	58.4	58.5	58.5	58.6	58.6	58.6	58.7	58.7	58.7	58.8	58.8	58.8	58.9
GE 14000	57.4	58.0	58.3	58.5	58.7	58.7	58.7	58.7	58.8	58.8	58.9	58.9	58.9	58.9	59.0	59.1
GE 12000	57.6	58.3	58.6	58.8	59.0	59.0	59.0	59.1	59.1	59.1	59.2	59.2	59.2	59.2	59.3	59.4
GE 10000	59.5	60.2	60.5	60.7	60.9	60.9	60.9	60.9	60.9	61.0	61.0	61.0	61.1	61.1	61.2	61.2
GE 9000	59.8	60.5	60.8	61.0	61.2	61.2	61.2	61.2	61.2	61.3	61.3	61.3	61.4	61.4	61.5	61.6
GE 8000	61.4	62.1	62.5	62.7	62.8	62.8	62.9	62.9	62.9	63.0	63.0	63.0	63.0	63.0	63.1	63.2
GE 7000	62.7	63.4	63.8	64.0	64.2	64.2	64.2	64.2	64.2	64.3	64.3	64.3	64.4	64.4	64.5	64.6
GE 6000	63.5	64.3	64.7	64.9	65.1	65.1	65.1	65.1	65.1	65.2	65.2	65.2	65.3	65.3	65.4	65.5
GE 5000	64.8	65.6	66.0	66.2	66.3	66.3	66.4	66.4	66.4	66.5	66.5	66.5	66.6	66.6	66.7	66.7
GE 4500	66.3	67.2	67.6	67.7	67.9	67.9	67.9	68.0	68.0	68.0	68.1	68.1	68.1	68.1	68.2	68.3
GE 4000	68.5	69.4	69.8	70.0	70.2	70.2	70.3	70.3	70.3	70.4	70.4	70.4	70.5	70.5	70.6	70.6
GE 3500	71.3	72.2	72.7	72.9	73.1	73.1	73.1	73.1	73.2	73.2	73.3	73.3	73.3	73.3	73.4	73.5
GE 3000	74.7	75.8	76.3	76.5	76.7	76.7	76.8	76.8	76.9	76.9	77.0	77.0	77.1	77.1	77.2	77.2
GE 2500	77.3	78.5	79.0	79.3	79.5	79.5	79.5	79.6	79.6	79.7	79.7	79.7	79.8	79.8	79.9	80.0
GE 2000	80.9	82.4	82.9	83.2	83.4	83.4	83.5	83.5	83.6	83.6	83.7	83.7	83.8	83.8	83.9	84.0
GE 1800	81.2	82.7	83.2	83.5	83.7	83.7	83.8	83.8	83.9	84.0	84.1	84.1	84.1	84.1	84.2	84.3
GE 1500	83.7	85.4	86.1	86.4	86.8	86.8	86.9	87.0	87.0	87.1	87.2	87.2	87.3	87.3	87.4	87.5
GE 1200	86.2	88.1	88.9	89.4	89.8	89.8	90.0	90.1	90.2	90.3	90.4	90.4	90.4	90.4	90.5	90.6
GE 1000	87.1	89.2	90.2	90.6	91.2	91.2	91.5	91.7	91.7	91.8	91.9	91.9	92.0	92.0	92.1	92.2
GE 900	87.9	90.2	91.2	91.8	92.5	92.5	92.8	93.0	93.1	93.2	93.3	93.3	93.3	93.3	93.4	93.5
GE 800	88.1	90.6	91.8	92.4	93.1	93.1	93.5	93.7	93.8	93.9	94.0	94.0	94.0	94.0	94.1	94.2
GE 700	88.6	91.2	92.6	93.3	94.0	94.1	94.5	94.7	94.8	94.9	95.0	95.0	95.1	95.1	95.2	95.3
GE 600	88.7	91.4	92.7	93.6	94.5	94.6	95.2	95.4	95.4	95.6	95.7	95.7	95.8	95.8	95.9	96.0
GE 500	89.0	91.8	93.4	94.3	95.5	95.6	96.3	96.5	96.6	96.7	96.8	96.8	97.0	97.0	97.1	97.2
GE 400	89.1	92.0	93.5	94.5	95.8	95.9	96.7	97.0	97.0	97.2	97.3	97.3	97.6	97.6	97.7	97.8
GE 300	89.1	92.0	93.5	94.6	95.9	96.0	96.9	97.2	97.3	97.5	97.7	97.7	98.0	98.0	98.1	98.2
GE 200	89.1	92.0	93.6	94.6	96.0	96.1	97.1	97.4	97.5	97.8	98.1	98.1	98.4	98.5	98.8	98.9
GE 100	89.1	92.0	93.6	94.7	96.1	96.2	97.2	97.5	97.6	97.9	98.2	98.2	98.6	98.7	99.1	99.2
GE 000	89.1	92.0	93.6	94.7	96.1	96.2	97.2	97.5	97.6	97.9	98.2	98.2	98.6	98.7	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 4108

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: DEC HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	57.5	58.2	58.2	58.5	58.5	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
GE 20000	62.8	63.4	63.4	63.7	63.7	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
GE 18000	62.8	63.4	63.4	63.7	63.7	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
GE 16000	62.8	63.4	63.4	63.7	63.7	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
GE 14000	62.8	63.4	63.4	63.7	63.7	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
GE 12000	63.1	63.7	63.7	64.0	64.0	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
GE 10000	64.9	65.5	65.5	65.8	65.8	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
GE 9000	64.9	65.5	65.5	65.8	65.8	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
GE 8000	65.8	66.8	66.8	67.1	67.1	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 7000	66.5	67.4	67.4	67.7	67.7	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 6000	67.1	68.0	68.0	68.3	68.3	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 5000	67.4	68.3	68.3	68.6	68.6	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 4500	69.2	70.2	70.2	70.5	70.5	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
GE 4000	69.8	71.1	71.1	71.4	71.4	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 3500	70.8	72.6	72.6	72.9	72.9	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
GE 3000	71.1	73.2	73.2	73.5	73.5	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 2500	72.9	75.1	75.1	75.4	75.4	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
GE 2000	75.4	77.5	77.5	77.8	77.8	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GE 1800	75.7	77.8	77.8	78.2	78.2	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 1500	78.2	80.9	81.2	81.5	81.5	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 1200	78.5	81.2	81.5	81.8	81.8	82.5	82.5	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 1000	80.9	83.7	84.0	84.3	84.3	84.9	84.9	85.2	85.2	85.2	85.5	85.5	85.5	85.5	85.5	85.5
GE 900	81.2	84.0	84.3	85.5	85.5	86.2	86.2	86.5	86.5	86.5	86.8	86.8	86.8	86.8	86.8	86.8
GE 800	81.5	84.3	84.6	85.8	86.5	87.1	87.1	87.7	87.7	87.7	88.0	88.0	88.0	88.0	88.0	88.0
GE 700	81.8	84.6	84.9	87.1	87.7	88.3	88.9	89.5	89.5	89.5	89.8	89.8	89.8	89.8	89.8	89.8
GE 600	81.8	84.9	85.2	87.7	88.3	88.9	89.5	90.2	90.2	90.2	90.5	90.5	90.5	90.5	90.5	90.5
GE 500	82.2	85.2	85.5	88.3	89.2	89.8	90.5	91.1	91.1	91.4	92.0	92.0	92.0	92.0	92.0	92.0
GE 400	82.2	85.2	86.2	89.2	90.8	91.7	92.9	93.5	93.5	93.8	95.1	95.1	95.1	95.1	95.1	95.1
GE 300	82.2	85.2	86.2	89.2	90.8	92.6	94.5	95.1	95.1	96.0	97.2	97.2	97.2	97.2	97.5	97.5
GE 200	82.2	85.2	86.2	89.2	91.1	92.9	94.8	95.4	95.4	96.6	97.8	97.8	97.8	97.8	98.2	98.2
GE 100	82.2	85.2	86.2	89.2	91.1	92.9	94.8	95.4	95.4	96.9	98.2	98.2	98.5	99.4	99.7	99.7
GE 000	82.2	85.2	86.2	89.2	91.1	92.9	94.8	95.4	95.4	96.9	98.2	98.2	98.5	99.4	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 325

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: DEC HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	58.0	58.3	58.3	59.6	59.6	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.5	60.5
GE 20000	61.1	61.7	61.7	63.0	63.0	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.9	63.9
GE 18000	61.1	61.7	61.7	63.0	63.0	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.9	63.9
GE 16000	61.1	61.7	61.7	63.0	63.0	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.9	63.9
GE 14000	61.1	61.7	61.7	63.0	63.0	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.9	63.9
GE 12000	61.1	61.7	61.7	63.0	63.0	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.9	63.9
GE 10000	63.0	63.6	63.6	64.8	64.8	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.7	65.7
GE 9000	63.0	63.6	63.6	64.8	64.8	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.7	65.7
GE 8000	63.9	64.5	64.5	65.7	65.7	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.7	66.7
GE 7000	64.8	65.4	65.4	66.7	66.7	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.6	67.6
GE 6000	64.8	65.4	65.4	66.7	66.7	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.6	67.6
GE 5000	64.8	65.4	65.4	66.7	66.7	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.6	67.6
GE 4500	66.0	66.7	66.7	67.9	67.9	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.8	68.8
GE 4000	67.3	68.2	68.2	69.4	69.4	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.4	70.4
GE 3500	68.8	70.1	70.1	71.3	71.3	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	72.2	72.2
GE 3000	69.4	70.7	70.7	71.9	71.9	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.8	72.8
GE 2500	70.4	71.6	71.6	72.8	72.8	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.8	73.8
GE 2000	74.4	75.9	75.9	77.2	77.2	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	78.1	78.1
GE 1800	75.0	76.5	76.5	77.8	77.8	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.7	78.7
GE 1500	76.9	79.0	79.0	80.2	80.2	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	81.2	81.2
GE 1200	77.5	79.6	79.6	80.9	81.5	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.7	82.7
GE 1000	78.7	80.9	80.9	82.1	82.7	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	84.0	84.0
GE 900	79.0	81.2	81.2	83.3	84.0	84.9	84.9	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.5	85.5
GE 800	79.9	82.1	82.1	84.6	85.8	86.7	86.7	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.3	87.3
GE 700	80.6	83.0	83.0	86.1	87.3	88.3	88.3	88.9	88.9	88.9	88.9	88.9	88.9	88.9	89.2	89.2
GE 600	81.2	84.0	84.6	88.0	89.5	90.4	90.4	91.0	91.0	91.0	91.7	91.7	91.7	91.7	92.0	92.0
GE 500	81.2	84.3	84.9	88.3	90.1	91.0	91.0	91.7	91.7	92.0	92.9	92.9	92.9	92.9	93.2	93.2
GE 400	81.2	84.6	85.2	88.6	90.4	91.4	92.0	92.6	92.6	93.2	94.4	94.4	94.4	94.4	94.8	94.8
GE 300	81.2	84.6	85.2	89.5	91.4	92.6	93.2	93.8	93.8	94.8	96.0	96.0	96.3	96.3	96.6	96.6
GE 200	81.2	84.6	85.2	89.5	92.0	93.2	93.8	94.4	94.4	95.7	97.2	97.2	97.5	97.5	97.8	97.8
GE 100	81.2	84.6	85.2	89.5	92.0	93.2	93.8	94.4	94.4	96.6	98.1	98.1	98.8	99.1	99.7	99.7
GE 000	81.2	84.6	85.2	89.5	92.0	93.2	93.8	94.4	94.4	96.6	98.1	98.1	98.8	99.1	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 324

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: DEC HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	47.8	48.5	48.7	48.9	49.1	49.1	49.3	49.3	49.3	49.5	49.5	49.5	49.5	49.5	49.6	49.6
GE 20000	52.5	53.3	53.5	53.6	53.8	53.8	54.0	54.0	54.0	54.2	54.2	54.2	54.2	54.2	54.4	54.4
GE 18000	52.5	53.3	53.5	53.6	53.8	53.8	54.0	54.0	54.0	54.2	54.2	54.2	54.2	54.2	54.4	54.4
GE 16000	52.5	53.3	53.5	53.6	53.8	53.8	54.0	54.0	54.0	54.2	54.2	54.2	54.2	54.2	54.4	54.4
GE 14000	52.5	53.3	53.5	53.6	53.8	53.8	54.0	54.0	54.0	54.2	54.2	54.2	54.2	54.2	54.4	54.4
GE 12000	53.1	53.8	54.0	54.2	54.4	54.4	54.5	54.5	54.5	54.7	54.7	54.7	54.7	54.7	54.9	54.9
GE 10000	56.2	56.9	57.1	57.3	57.5	57.5	57.6	57.6	57.6	57.8	57.8	57.8	57.8	57.8	58.0	58.0
GE 9000	56.5	57.3	57.5	57.6	57.8	57.8	58.0	58.0	58.0	58.2	58.2	58.2	58.2	58.2	58.4	58.4
GE 8000	56.7	57.8	58.0	58.4	58.5	58.5	58.7	58.7	58.7	58.9	58.9	58.9	58.9	58.9	59.1	59.1
GE 7000	57.3	58.4	58.5	58.9	59.1	59.1	59.3	59.3	59.3	59.5	59.5	59.5	59.5	59.5	59.6	59.6
GE 6000	57.5	58.5	58.7	59.1	59.3	59.3	59.5	59.5	59.5	59.6	59.6	59.6	59.6	59.6	59.8	59.8
GE 5000	58.4	59.5	59.6	60.0	60.2	60.2	60.4	60.4	60.4	60.5	60.5	60.5	60.5	60.5	60.7	60.7
GE 4500	58.9	60.0	60.2	60.5	60.7	60.7	60.9	60.9	60.9	61.1	61.1	61.1	61.1	61.1	61.3	61.3
GE 4000	59.6	60.7	60.9	61.3	61.5	61.5	61.6	61.6	61.6	61.8	61.8	61.8	61.8	61.8	62.0	62.0
GE 3500	60.9	62.0	62.2	62.5	62.7	62.7	62.9	62.9	62.9	63.1	63.1	63.1	63.1	63.1	63.3	63.3
GE 3000	61.8	63.1	63.3	63.6	63.8	63.8	64.0	64.0	64.0	64.2	64.2	64.2	64.2	64.2	64.4	64.4
GE 2500	62.0	63.6	63.8	64.2	64.4	64.4	64.5	64.5	64.5	64.7	64.7	64.7	64.7	64.7	64.9	64.9
GE 2000	65.1	67.6	68.0	68.4	68.7	68.7	68.9	69.1	69.1	69.3	69.3	69.3	69.3	69.3	69.5	69.5
GE 1800	65.8	68.4	68.7	69.1	69.5	69.5	69.8	70.0	70.0	70.2	70.2	70.2	70.2	70.2	70.4	70.4
GE 1500	69.1	71.6	72.2	72.5	72.9	72.9	73.3	73.5	73.5	73.6	73.6	73.6	73.6	73.6	73.8	73.8
GE 1200	70.7	73.5	74.0	74.5	75.1	75.1	75.5	75.6	75.6	75.8	75.8	75.8	76.0	76.0	76.2	76.4
GE 1000	72.4	75.5	76.0	76.7	77.3	77.3	77.6	77.8	77.8	78.0	78.0	78.0	78.2	78.2	78.4	78.5
GE 900	72.7	75.8	76.7	77.5	78.0	78.0	78.4	78.7	78.7	78.9	78.9	78.9	79.1	79.1	79.3	79.5
GE 800	73.8	77.1	78.2	78.9	79.6	79.6	80.0	80.4	80.4	80.5	80.5	80.5	80.7	80.7	81.5	81.6
GE 700	74.4	78.0	79.5	80.4	81.3	81.5	81.8	82.2	82.2	82.5	82.5	82.5	82.7	82.7	83.5	83.6
GE 600	74.4	78.5	80.0	81.1	82.2	82.5	83.1	83.5	83.5	83.8	84.0	84.0	84.2	84.2	84.9	85.1
GE 500	75.6	80.0	81.6	82.7	84.0	84.4	85.1	85.6	85.6	86.0	86.2	86.2	86.4	86.4	87.1	87.3
GE 400	75.8	80.4	82.5	83.8	85.5	85.8	86.7	87.6	87.6	88.4	88.5	88.5	88.9	88.9	89.8	90.5
GE 300	76.2	80.7	83.6	84.9	86.7	87.1	88.0	89.1	89.1	90.2	91.1	91.3	91.6	91.6	92.7	93.6
GE 200	76.2	80.7	83.6	84.9	86.7	87.3	88.2	89.5	89.5	90.7	92.2	92.4	93.1	93.3	94.9	97.1
GE 100	76.2	80.7	83.6	84.9	86.7	87.3	88.4	89.6	89.6	91.5	92.9	93.1	93.8	94.4	96.2	98.7
GE 000	76.2	80.7	83.6	84.9	86.7	87.3	88.4	89.6	89.6	91.5	92.9	93.1	93.8	94.4	96.5	100.0

TOTAL NUMBER OF OBSERVATIONS 550

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: DEC HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	46.0	47.2	47.6	47.8	47.8	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
GE 20000	51.3	52.6	52.9	53.1	53.1	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
GE 18000	51.3	52.6	52.9	53.1	53.1	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
GE 16000	51.3	52.6	52.9	53.1	53.1	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
GE 14000	51.3	52.6	52.9	53.1	53.1	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
GE 12000	52.0	53.3	53.6	53.8	53.8	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
GE 10000	55.6	56.8	57.2	57.4	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
GE 9000	56.5	57.7	58.1	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
GE 8000	57.9	59.3	59.9	60.0	60.0	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
GE 7000	59.0	60.4	60.9	61.1	61.1	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
GE 6000	59.0	60.6	61.1	61.3	61.3	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
GE 5000	59.1	60.7	61.3	61.5	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
GE 4500	59.1	60.7	61.3	61.5	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
GE 4000	60.7	62.3	62.9	63.1	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
GE 3500	61.3	62.9	63.4	63.6	63.6	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 3000	61.6	63.8	64.3	64.5	64.5	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
GE 2500	63.2	65.5	66.1	66.3	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
GE 2000	67.5	70.0	70.7	70.9	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
GE 1800	67.7	70.2	70.9	71.0	71.2	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 1500	72.1	74.8	75.8	76.0	76.2	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
GE 1200	73.5	76.2	77.3	77.6	77.8	78.2	78.2	78.2	78.2	78.2	78.3	78.3	78.3	78.3	78.3	78.3
GE 1000	74.4	77.1	78.2	78.7	79.2	79.6	79.6	79.6	79.6	79.6	79.8	79.8	79.8	79.8	79.8	79.8
GE 900	76.2	79.0	80.1	80.8	81.3	81.9	82.1	82.1	82.1	82.2	82.6	82.6	82.6	82.6	82.6	82.6
GE 800	76.6	79.6	80.6	82.1	82.8	83.3	83.7	83.7	83.7	84.0	84.4	84.4	84.7	84.7	84.7	84.7
GE 700	77.3	80.6	81.9	83.3	84.2	84.7	85.1	85.1	85.1	85.4	85.8	85.8	86.1	86.1	86.1	86.1
GE 600	77.3	81.7	84.0	85.6	86.7	87.2	87.7	87.9	87.9	88.3	88.6	88.6	89.0	89.0	89.0	89.0
GE 500	77.6	82.4	84.7	86.7	88.1	88.8	89.5	90.1	90.1	90.4	90.9	91.1	91.5	91.5	91.5	91.5
GE 400	77.8	82.6	84.9	87.0	88.6	89.3	90.2	91.3	91.3	91.8	92.7	92.9	93.3	93.3	93.3	93.4
GE 300	77.8	82.6	84.9	87.0	88.6	89.3	90.6	92.2	92.2	93.1	94.8	95.2	95.6	95.7	96.3	96.8
GE 200	77.8	82.6	84.9	87.0	88.6	89.5	90.8	92.4	92.4	93.3	95.2	95.9	96.6	96.8	97.9	98.6
GE 100	77.8	82.6	84.9	87.0	88.6	89.5	90.8	92.4	92.4	93.3	95.4	96.1	96.8	97.0	98.6	99.6
GE 000	77.8	82.6	84.9	87.0	88.6	89.5	90.8	92.4	92.4	93.3	95.4	96.1	96.8	97.0	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 563

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: DEC HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
GE 20000	58.2	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
GE 18000	58.2	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
GE 16000	58.2	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
GE 14000	58.2	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
GE 12000	59.3	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
GE 10000	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
GE 9000	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
GE 8000	66.4	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
GE 7000	67.1	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
GE 6000	67.1	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
GE 5000	67.3	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 4500	67.3	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 4000	69.1	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE 3500	70.5	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 3000	71.1	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
GE 2500	72.9	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
GE 2000	78.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 1800	78.8	80.0	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 1500	81.3	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 1200	82.1	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 1000	82.9	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 900	84.5	86.3	86.4	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 800	84.6	86.8	87.1	87.7	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
GE 700	84.8	87.3	87.7	88.2	88.6	88.6	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 600	85.0	88.4	88.9	89.5	90.9	91.1	92.5	92.7	92.7	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 500	85.4	88.9	89.6	90.2	92.1	92.5	94.1	94.3	94.3	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 400	85.4	88.9	89.8	90.5	92.5	93.0	94.6	94.8	95.0	95.9	95.9	96.3	96.4	96.4	96.4	96.4
GE 300	85.4	88.9	89.8	90.5	92.5	93.0	94.6	95.0	95.2	96.3	96.6	97.0	97.5	98.0	98.8	98.8
GE 200	85.4	88.9	89.8	90.5	92.5	93.0	94.6	95.0	95.2	96.3	96.8	97.7	98.2	98.8	100.0	100.0
GE 100	85.4	88.9	89.8	90.5	92.5	93.0	94.6	95.0	95.2	96.3	96.8	97.7	98.2	98.8	100.0	100.0
GE 000	85.4	88.9	89.8	90.5	92.5	93.0	94.6	95.0	95.2	96.3	96.8	97.7	98.2	98.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 560

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: DEC HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	52.0	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
GE 20000	62.3	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
GE 18000	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
GE 16000	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
GE 14000	62.6	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
GE 12000	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
GE 10000	66.7	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
GE 9000	67.4	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 8000	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 7000	71.9	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
GE 6000	71.9	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
GE 5000	71.9	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
GE 4500	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 4000	73.5	73.7	73.7	73.7	73.7	73.8	73.8	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 3500	74.4	74.6	74.7	74.7	74.7	74.9	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 3000	76.3	76.5	76.9	76.9	76.9	77.0	77.0	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
GE 2500	77.4	77.6	77.9	77.9	77.9	78.1	78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 2000	81.7	81.9	82.2	82.2	82.2	82.4	82.7	82.9	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 1800	81.9	82.2	82.6	82.6	82.6	82.7	83.1	83.3	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 1500	83.6	84.0	84.3	84.3	84.3	84.5	84.9	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 1200	85.6	85.9	86.3	86.3	86.3	86.5	86.8	87.0	87.0	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 1000	85.6	86.1	86.8	86.8	86.8	87.0	87.4	87.5	87.5	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 900	85.8	86.3	87.0	87.0	87.0	87.2	87.5	87.7	87.7	87.9	87.9	87.9	87.9	87.9	87.9	87.9
GE 800	86.1	86.7	87.4	87.7	87.9	88.1	88.4	88.6	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 700	86.3	87.7	88.4	88.8	89.0	89.1	89.7	90.0	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 600	86.7	88.1	89.0	89.5	90.0	90.4	91.3	91.6	91.6	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 500	87.0	88.4	89.7	90.2	90.7	91.1	93.1	93.4	93.4	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 400	87.2	88.6	89.9	90.4	91.5	92.0	94.1	94.8	94.8	95.4	95.4	95.6	95.7	95.7	95.7	95.7
GE 300	87.2	88.6	89.9	90.4	92.0	92.5	95.2	95.9	95.9	96.6	96.6	97.0	97.3	97.3	97.5	97.5
GE 200	87.2	88.6	89.9	90.4	92.0	92.5	95.2	96.1	96.1	96.8	96.8	97.2	97.5	97.5	98.9	98.9
GE 100	87.2	88.6	89.9	90.4	92.0	92.5	95.2	96.1	96.1	96.8	96.8	97.2	97.5	97.5	99.3	100.0
GE 000	87.2	88.6	89.9	90.4	92.0	92.5	95.2	96.1	96.1	96.8	96.8	97.2	97.5	97.5	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 562



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: DEC HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	56.4	56.8	56.9	56.9	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 20000	60.4	60.7	60.9	60.9	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
GE 18000	60.4	60.7	60.9	60.9	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
GE 16000	60.4	60.7	60.9	60.9	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
GE 14000	60.7	61.1	61.3	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 12000	62.2	62.5	62.7	62.7	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
GE 10000	64.3	64.7	64.9	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
GE 9000	64.9	65.2	65.4	65.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 8000	67.2	67.6	67.7	67.7	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
GE 7000	68.8	69.2	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
GE 6000	69.5	69.9	70.1	70.1	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 5000	69.5	69.9	70.1	70.1	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 4500	70.1	70.5	70.6	70.6	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 4000	70.8	71.2	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
GE 3500	71.9	72.6	72.8	72.8	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 3000	73.2	73.9	74.4	74.8	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 2500	75.5	76.2	76.8	77.1	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 2000	79.6	80.9	81.8	82.2	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 1800	79.6	80.9	81.8	82.2	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 1500	83.1	84.3	85.2	85.6	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 1200	83.8	85.4	86.3	86.7	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 1000	84.0	85.8	87.0	87.6	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 900	84.3	86.3	87.7	88.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 800	84.3	86.3	87.9	88.5	89.9	89.9	89.9	89.9	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 700	84.5	86.5	88.5	89.0	90.5	90.5	90.5	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 600	84.7	86.7	89.2	89.7	91.4	91.4	91.5	91.5	91.5	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 500	85.6	87.6	90.1	90.6	92.3	92.3	92.6	92.6	92.6	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 400	85.8	87.7	90.5	91.0	92.6	92.6	93.2	94.1	94.1	94.4	94.4	94.4	94.6	94.6	94.8	94.8
GE 300	85.8	87.7	90.6	91.2	93.0	93.0	94.1	95.1	95.1	95.5	95.7	95.7	95.9	96.0	96.2	96.2
GE 200	85.8	87.7	90.6	91.2	93.0	93.0	94.1	95.1	95.1	95.7	95.9	95.9	96.0	96.2	96.6	97.3
GE 100	85.8	87.7	90.6	91.2	93.0	93.0	94.1	95.1	95.1	95.9	96.2	96.2	96.4	96.6	97.7	99.3
GE 000	85.8	87.7	90.6	91.2	93.0	93.0	94.1	95.1	95.1	95.9	96.2	96.2	96.4	96.6	97.8	100.0

TOTAL NUMBER OF OBSERVATIONS 555

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: DEC HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	55.3	55.3	55.5	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
GE 20000	59.1	59.1	59.3	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
GE 18000	59.1	59.1	59.3	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
GE 16000	59.1	59.1	59.3	59.3	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
GE 14000	59.5	59.5	59.7	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
GE 12000	60.5	60.5	60.7	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
GE 10000	61.5	61.5	61.7	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
GE 9000	61.7	61.7	61.9	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
GE 8000	63.0	63.2	63.4	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
GE 7000	64.2	64.4	64.6	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 6000	65.2	65.4	65.6	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 5000	66.0	66.2	66.4	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
GE 4500	66.2	66.4	66.6	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 4000	66.6	67.2	67.4	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 3500	68.2	68.8	69.0	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 3000	71.5	72.3	72.9	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 2500	73.9	74.7	75.5	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 2000	77.5	78.3	79.1	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 1800	77.7	78.7	79.6	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 1500	80.0	81.4	82.2	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 1200	81.6	83.0	84.2	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 1000	83.0	84.6	86.0	86.8	87.0	87.0	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 900	83.4	85.0	86.6	88.1	88.3	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 800	83.4	85.0	86.6	88.5	88.9	88.9	89.1	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
GE 700	84.2	86.0	87.7	89.7	90.3	90.3	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
GE 600	84.4	86.2	88.3	90.5	91.5	91.5	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 500	84.8	86.6	88.9	91.3	92.5	92.5	92.9	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 400	84.8	86.8	89.1	91.5	92.9	93.1	93.9	94.3	94.3	94.3	94.3	94.5	94.5	94.5	94.5	94.5
GE 300	84.8	86.8	89.3	91.9	93.7	93.9	95.1	95.7	95.7	95.7	95.7	96.0	96.0	96.2	96.6	96.6
GE 200	84.8	86.8	89.3	91.9	93.7	93.9	95.1	95.7	95.7	95.7	96.0	96.2	96.2	96.8	97.4	97.4
GE 100	84.8	86.8	89.3	91.9	93.7	93.9	95.1	95.7	95.7	95.7	96.2	96.4	96.4	97.0	98.0	98.6
GE 000	84.8	86.8	89.3	91.9	93.7	93.9	95.1	95.7	95.7	95.7	96.2	96.4	96.4	97.2	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 494

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: DEC HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	52.3	52.7	52.8	53.0	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.3	53.3
GE 20000	58.0	58.5	58.7	58.9	58.9	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
GE 18000	58.1	58.6	58.7	58.9	58.9	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.2	59.2
GE 16000	58.1	58.6	58.7	58.9	58.9	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.2	59.2
GE 14000	58.2	58.7	58.8	59.0	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.3	59.3
GE 12000	59.1	59.6	59.7	59.9	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.2	60.2
GE 10000	61.8	62.3	62.4	62.6	62.6	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.9	62.9
GE 9000	62.3	62.8	62.9	63.1	63.1	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.4	63.4
GE 8000	63.7	64.4	64.5	64.7	64.8	64.9	64.9	64.9	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0
GE 7000	64.9	65.5	65.7	65.9	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.2	66.2
GE 6000	65.2	65.9	66.0	66.2	66.3	66.4	66.4	66.4	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5
GE 5000	65.5	66.2	66.3	66.5	66.6	66.7	66.7	66.7	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 4500	66.0	66.7	66.8	67.0	67.1	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE 4000	67.0	67.9	68.0	68.2	68.3	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.6	68.6
GE 3500	68.2	69.1	69.3	69.5	69.6	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.9	69.9
GE 3000	69.4	70.5	70.8	71.1	71.2	71.3	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 2500	70.9	72.1	72.4	72.7	72.8	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.1	73.1
GE 2000	74.9	76.4	76.9	77.2	77.3	77.5	77.5	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 1800	75.2	76.8	77.2	77.5	77.7	77.9	78.0	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 1500	78.1	79.8	80.4	80.7	80.8	81.0	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.3	81.3
GE 1200	79.3	81.1	81.7	82.1	82.4	82.6	82.7	82.8	82.8	82.8	82.8	82.8	82.9	82.9	82.9	82.9
GE 1000	80.2	82.3	83.0	83.5	83.8	84.0	84.1	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.4	84.4
GE 900	81.0	83.0	83.9	84.6	85.0	85.2	85.4	85.5	85.5	85.6	85.7	85.7	85.7	85.7	85.7	85.8
GE 800	81.3	83.5	84.4	85.5	86.1	86.3	86.5	86.7	86.7	86.8	86.9	86.9	87.0	87.0	87.1	87.1
GE 700	81.8	84.3	85.3	86.5	87.3	87.5	87.8	88.1	88.1	88.2	88.3	88.3	88.4	88.4	88.5	88.5
GE 600	81.9	84.8	86.3	87.6	88.8	89.1	89.7	90.0	90.0	90.3	90.4	90.4	90.5	90.5	90.6	90.6
GE 500	82.5	85.5	87.1	88.5	89.9	90.3	91.1	91.5	91.5	91.9	92.1	92.1	92.2	92.2	92.3	92.3
GE 400	82.6	85.7	87.4	89.0	90.6	91.1	92.2	92.9	92.9	93.4	93.8	93.9	94.1	94.1	94.2	94.4
GE 300	82.6	85.7	87.6	89.3	91.1	91.6	93.1	93.9	93.9	94.7	95.4	95.6	95.9	96.0	96.5	96.7
GE 200	82.6	85.7	87.6	89.3	91.1	91.8	93.2	94.1	94.1	95.0	95.8	96.1	96.6	96.7	97.7	98.2
GE 100	82.6	85.7	87.6	89.3	91.1	91.8	93.2	94.1	94.2	95.2	96.1	96.4	96.9	97.3	98.5	99.4
GE 000	82.6	85.7	87.6	89.3	91.1	91.8	93.2	94.1	94.2	95.2	96.1	96.4	97.0	97.3	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 3933

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: ALL HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	55.2	55.9	56.2	56.3	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.5	56.5
GE 20000	63.3	64.1	64.4	64.6	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.8	64.8
GE 18000	63.4	64.2	64.5	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.9	64.9
GE 16000	63.4	64.3	64.6	64.7	64.8	64.8	64.8	64.8	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9
GE 14000	63.7	64.5	64.8	65.0	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.2
GE 12000	64.4	65.2	65.5	65.7	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.9	65.9
GE 10000	66.8	67.7	68.0	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.4	68.4
GE 9000	67.1	68.1	68.4	68.5	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.8	68.8
GE 8000	69.3	70.3	70.7	70.9	71.0	71.0	71.0	71.0	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1
GE 7000	70.2	71.2	71.5	71.7	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	72.0	72.0
GE 6000	70.6	71.6	72.0	72.2	72.3	72.3	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 5000	71.3	72.3	72.7	72.9	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.2	73.2
GE 4500	72.0	73.0	73.4	73.6	73.7	73.8	73.8	73.8	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 4000	73.6	74.7	75.2	75.4	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.7	75.7	75.7	75.7
GE 3500	75.7	77.0	77.5	77.8	77.9	77.9	78.0	78.0	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1
GE 3000	78.4	79.8	80.4	80.7	80.9	80.9	81.0	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 2500	80.1	81.6	82.2	82.6	82.7	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	83.0
GE 2000	83.1	84.8	85.5	85.9	86.2	86.2	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
GE 1800	83.3	85.1	85.8	86.2	86.5	86.5	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.8
GE 1500	85.5	87.5	88.4	88.9	89.2	89.3	89.4	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 1200	87.0	89.2	90.2	90.7	91.1	91.2	91.3	91.4	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5
GE 1000	87.8	90.1	91.2	91.8	92.3	92.3	92.5	92.6	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7
GE 900	88.3	90.8	91.9	92.7	93.2	93.2	93.4	93.5	93.6	93.6	93.6	93.6	93.7	93.7	93.7	93.7
GE 800	88.6	91.2	92.5	93.3	93.8	93.9	94.2	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.5
GE 700	88.9	91.7	93.0	93.9	94.5	94.7	94.9	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.3	95.3
GE 600	89.1	92.1	93.5	94.5	95.2	95.4	95.8	95.9	95.9	96.0	96.1	96.1	96.1	96.1	96.2	96.2
GE 500	89.4	92.4	93.9	95.0	96.0	96.2	96.7	96.9	97.0	97.1	97.2	97.2	97.2	97.2	97.3	97.3
GE 400	89.4	92.5	94.1	95.3	96.4	96.6	97.3	97.7	97.7	97.9	98.0	98.0	98.1	98.1	98.2	98.2
GE 300	89.5	92.5	94.2	95.4	96.5	96.8	97.6	98.0	98.1	98.4	98.6	98.6	98.7	98.7	98.9	99.0
GE 200	89.5	92.6	94.2	95.5	96.6	96.8	97.6	98.1	98.2	98.5	98.8	98.8	99.1	99.1	99.4	99.6
GE 100	89.5	92.6	94.3	95.5	96.6	96.9	97.7	98.1	98.2	98.6	98.9	98.9	99.2	99.2	99.6	99.8
GE 000	89.5	92.6	94.3	95.5	96.6	96.9	97.7	98.1	98.2	98.6	98.9	98.9	99.2	99.2	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 58206

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JAN HOURS:ALL

HOURS (LST)	AIRWAY CLASSES				TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST				
00-02	35.6	15.8	14.4	32.3	1.8	48.6	1.8	436
03-05	32.4	13.8	17.5	32.4	3.9	53.8	.9	435
06-08	18.8	21.6	22.2	31.3	6.0	59.6	3.2	680
09-11	11.9	21.9	26.8	35.8	3.6	66.2	6.5	645
12-14	10.7	28.4	28.5	31.5	.9	60.9	3.3	645
15-17	9.4	34.1	28.2	27.3	.9	56.5	2.9	648
18-20	13.6	34.2	23.1	28.0	1.1	52.2	2.6	646
21-23	27.1	21.5	19.7	30.5	1.2	51.5	2.1	573
ALL HOURS	18.6	24.7	23.2	31.1	2.4	56.7	3.1	4708

MONTH: FEB HOURS: ALL

00-02	27.9	18.8	15.7	35.7	1.8	53.2	1.3	451
03-05	27.0	16.7	16.3	37.9	2.0	56.3	1.1	448
06-08	17.9	24.2	18.8	36.7	2.4	58.0	4.3	654
09-11	12.9	23.2	25.0	36.9	2.1	63.9	3.8	613
12-14	10.7	26.4	28.2	34.2	.5	62.9	2.9	614
15-17	10.3	30.4	27.7	30.9	.7	59.2	3.1	611
18-20	11.4	32.2	24.2	31.5	.7	56.4	2.6	612
21-23	27.0	26.1	15.3	29.2	2.3	46.8	1.1	555
ALL HOURS	17.4	25.2	21.8	34.0	1.5	57.4	2.7	4558

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OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: MAR HOURS: ALL

HOURS (LST)	AIRWAY CLASSES					GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST	TOTAL OBSCURATION			
00-02	35.3	19.8	16.5	27.8	.6	44.9		490
03-05	35.0	15.7	19.8	28.4	1.0	49.3		489
06-08	15.7	23.5	25.0	35.1	.8	60.8	4.0	733
09-11	12.1	25.1	28.2	34.2	.4	62.8	2.3	688
12-14	9.6	28.4	31.9	29.4	.6	62.0	1.5	686
15-17	9.3	34.6	33.3	22.8		56.1	1.8	685
18-20	13.8	34.9	29.5	21.7		51.2	1.7	687
21-23	28.7	24.7	20.9	25.6		46.6	1.3	616
ALL HOURS	18.6	26.5	26.3	28.2	.4	54.9	1.7	5074

MONTH: APR HOURS: ALL

00-02	27.0	23.8	22.2	26.2	.8	49.2	.4	478
03-05	26.2	22.1	21.7	28.7	1.2	51.6	2.0	488
06-08	11.4	29.0	27.3	30.3	2.0	59.6	4.7	696
09-11	12.4	28.5	27.3	31.5	.3	59.1	3.0	667
12-14	14.4	29.5	31.7	24.4		56.1	.9	668
15-17	12.1	33.2	34.9	19.8		54.6	1.0	668
18-20	12.0	36.3	32.6	19.0	.1	51.7	1.0	669
21-23	25.2	28.6	24.3	21.2	.7	46.2	.3	604
ALL HOURS	16.8	29.3	28.2	25.0	.6	53.9	1.8	4938

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: MAY HOURS: ALL

HOURS (LST)	AIRWAY CLASSES				TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST				
00-02	18.5	25.5	30.5	25.3	.2	56.0	.8	498
03-05	13.1	25.6	33.3	27.6	.3	61.3	1.9	579
06-08	6.2	23.5	35.2	34.7	.4	70.3	3.6	715
09-11	6.9	28.2	35.7	29.2		64.9	2.3	698
12-14	6.1	31.0	40.3	22.6		63.0	1.4	694
15-17	5.6	37.4	39.4	17.6		57.0	.1	698
18-20	7.2	42.8	35.0	15.0		50.0	.1	698
21-23	17.9	35.2	29.4	17.5		46.9	.2	565
ALL HOURS	9.6	31.4	35.2	23.8	.1	59.1	1.4	5145

MONTH: JUN HOURS: ALL

00-02	36.0	29.7	17.8	16.6		34.4		489
03-05	19.7	34.7	29.1	16.4		45.5		573
06-08	7.5	35.0	38.8	18.7		57.5	.3	711
09-11	5.4	36.8	40.7	17.2		57.9		691
12-14	4.1	38.5	45.2	12.3		57.5		691
15-17	2.4	48.7	40.7	8.2		48.9	.6	696
18-20	4.9	55.4	30.4	9.4		39.7	.6	695
21-23	22.5	47.4	16.6	13.4		30.1	.2	559
ALL HOURS	11.4	41.2	33.5	13.9		47.4	.2	5105

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JUL HOURS:ALL

HOURS (LST)	AIRWAY CLASSES				GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST			
00-02	41.8	38.7	13.5	5.9	19.5		555
03-05	30.1	41.2	20.5	8.1	28.7	.2	614
06-08	8.9	51.1	30.6	9.5	40.0	1.7	707
09-11	9.9	51.9	30.0	8.2	38.2	.3	686
12-14	3.1	55.3	34.2	7.4	41.6	.1	687
15-17	2.3	53.9	35.7	8.2	43.8		687
18-20	6.2	52.0	32.4	9.4	41.8	.1	689
21-23	28.5	47.1	19.4	4.9	24.4		607
ALL HOURS	15.3	49.3	27.6	7.8	35.4	.3	5232

MONTH: AUG HOURS: ALL

00-02	42.0	38.1	15.2	4.8	20.0		586
03-05	35.6	40.6	17.5	6.3	23.8	.5	646
06-08	9.3	56.1	26.7	8.0	34.6	1.3	742
09-11	8.7	54.6	27.2	9.5	36.7	.7	716
12-14	2.2	57.2	33.7	6.8	40.5		718
15-17	1.5	54.0	39.3	5.2	44.5	.1	715
18-20	5.9	52.2	35.1	6.8	42.0	.6	717
21-23	29.9	46.3	18.3	5.6	23.8	.2	629
ALL HOURS	15.8	50.4	27.2	6.7	33.8	.4	5469



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: SEP HOURS: ALL

HOURS (LST)	AIRWAY CLASSES				TOTAL OBS	GT 1/2	PARTIAL OBS	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST				
00-02	33.7	33.7	21.6	10.9		32.6		522
03-05	29.2	35.3	23.4	12.1		35.5	.3	578
06-08	14.1	36.5	32.9	16.4	.1	49.5	4.0	683
09-11	13.1	31.2	42.9	12.9		55.8	2.1	674
12-14	8.2	40.6	40.6	10.6		51.2	.3	668
15-17	7.6	45.2	38.4	8.8		47.2	1.0	672
18-20	13.0	45.6	31.3	10.0		41.4	1.3	667
21-23	30.1	39.0	20.9	10.0		30.9	.9	579
ALL HOURS	17.8	38.5	32.1	11.5	.0	43.7	1.3	5043

MONTH: OCT HOURS: ALL

00-02	41.7	24.0	16.5	17.5	.4	34.4	1.9	480
03-05	37.1	21.6	17.5	22.0	1.8	41.3	2.5	550
06-08	20.2	29.1	20.0	27.6	3.1	50.7	6.7	684
09-11	15.6	30.9	28.1	23.8	1.7	53.6	3.6	661
12-14	10.8	40.8	27.6	20.6	.2	48.3	2.1	664
15-17	11.4	43.3	27.7	17.5	.2	45.3	2.3	658
18-20	19.7	42.7	20.0	17.7		37.7	3.2	661
21-23	37.6	31.4	15.0	15.4	.6	31.0	2.4	545
ALL HOURS	23.0	33.6	22.0	20.5	1.0	43.4	3.2	4903

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: NOV HOURS: ALL

HOURS (LST)	AIRWAY CLASSES				TOTAL OBS	GT 1/2	PARTIAL OBS	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST				
00-02	25.5	28.7	13.3	30.9	1.6	45.7		376
03-05	25.6	22.1	17.9	32.5	1.9	52.3	2.7	375
06-08	17.9	26.3	22.3	30.2	3.4	55.8	6.4	597
09-11	12.8	30.7	26.4	28.0	2.1	56.6	3.4	564
12-14	13.7	31.7	30.1	24.5		54.6	.2	564
15-17	11.8	36.0	28.9	23.3		52.2	.4	567
18-20	21.4	33.3	22.4	22.4	.5	45.4	.9	562
21-23	34.1	22.8	18.2	24.2	.8	43.2	.8	505
ALL HOURS	19.6	29.3	23.1	26.6	1.3	51.0	1.9	4110

MONTH: DEC HOURS: ALL

00-02	37.8	17.8	14.8	28.9	.6	44.3	4.3	325
03-05	35.5	21.6	11.4	31.2	.3	42.9	4.6	324
06-08	21.1	24.5	17.8	30.5	6.0	54.4	5.1	550
09-11	14.6	28.2	20.2	32.9	4.1	57.2	5.5	563
12-14	15.0	30.7	22.5	28.9	2.9	54.3	3.8	560
15-17	13.3	31.7	25.1	27.8	2.1	55.0	4.3	562
18-20	20.4	30.3	18.2	28.1	3.1	49.4	2.3	555
21-23	31.7	18.8	16.0	30.7	2.8	49.5	1.8	495
ALL HOURS	22.0	26.3	18.9	29.8	3.0	51.8	3.9	3934

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: ALL HOURS: ALL

HOURS (LST)	AIRWAY CLASSES				TOTAL OBS	GT 1/2	PARTIAL OBS	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST				
00-02	33.8	26.9	17.8	20.8	.6	39.2	.8	5686
03-05	28.7	27.2	21.1	22.1	.9	44.1	1.2	6099
06-08	13.8	32.1	26.8	25.5	1.9	54.1	3.7	8152
09-11	11.2	32.9	30.1	24.6	1.1	55.9	2.7	7866
12-14	8.8	36.9	33.2	20.7	.4	54.3	1.3	7859
15-17	7.9	40.6	33.6	17.7	.3	51.5	1.4	7867
18-20	12.1	41.5	28.2	17.8	.4	46.4	1.4	7858
21-23	28.2	32.8	19.6	18.7	.7	39.0	.9	6832
ALL HOURS	17.0	34.3	26.9	21.0	.8	48.7	1.7	58219



PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	EEEEEEEEEE
PPPPPPPP	AAAAAAAA	RRRRRRRR	TTTTTTTTTT	EEEEEEEEEE
PP PP	AA AA	RR RR	TT	EE
PP PP	AA AA	RR RR	TT	EE
PPPPPPPP	AA AA	RRRRRRRR	TT	EEEEEE
PPPPPPPP	AAAAAAAAAA	RRRRRRRR	TT	EEEEEE
PP	AAAAAAAAAA	RR RR	TT	EE
PP	AA AA	RR RR	TT	EE
PP	AA AA	RR RR	TT	EEEEEEEEEE
PP	AA AA	RR RR	TT	EEEEEEEEEE

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PART E

TEMPERATURE AND RELATIVE HUMIDITY SUMMARIES

TEMPERATURE--CUMULATIVE PERCENT OCCURRENCE FREQUENCY (POF).

THESE TABLES ARE CREATED FROM SUMMARY OF DAY DATA AND GIVE CUMULATIVE POF FOR MAXIMUM, MINIMUM, AND MEAN TEMPERATURES, RESPECTIVELY. DATA IS SUMMARIZED BY MONTH FOR ALL YEARS COMBINED. TOTALS ARE GIVEN FOR THE WHOLE YEAR. DATA IS DISPLAYED USING 5-DEGREE FAHRENHEIT INCREMENTS (GE 0, GE 5, GE 10, ETC).. THERE IS ONE SPECIAL THRESHOLD FOR "GE 33" DEGREES. MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS ARE GIVEN.

NOTE 1. BEGINNING IN JANUARY 1946, DAILY MAXIMUM AND MINIMUM TEMPERATURES CAME ROUTINELY FROM HOURLY OBSERVATIONS ON AWS FORMS 10/10A OR FROM AUTOMATED DATA COLLECTION FROM ALL USAF-OPERATED STATIONS. REFER TO THE "STATION HISTORY" PAGE FOR DETAILED INFORMATION ON REPORTING PRACTICES.

MONTHLY TEMPERATURES.

ALSO FROM SUMMARY OF DAY DATA, THE TABLES GIVE MONTHLY MAXIMUM AND MINIMUM TEMPERATURES BY MONTH AND BY YEAR. MONTHLY RECORD TEMPERATURES (MAX AND MIN) ARE GIVEN, ALONG WITH TOTAL OBSERVATIONS. AN ASTERISK (\*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS.

MEAN MONTHLY TEMPERATURE.

ALSO FROM SUMMARY OF DAY DATA, GIVES MONTHLY MEAN TEMPERATURE BY MONTH, FOR ALL MONTHS, AND FOR ALL YEARS. AN ASTERISK (\*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS.

DRY BULB, WET BULB, AND DEW POINT TEMPERATURES.

THESE TABLES ARE CREATED FROM HOURLY OBSERVATIONS--DATA IS SUMMARIZED:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS ARE GIVEN. THE MEAN NUMBER OF HOURS WITH TEMPERATURES FOR VARIOUS THRESHOLDS ALSO APPEAR AS SPECIFIED IN EACH SUMMARY AND IN ACCORDANCE WITH AFM 88-29, "ENGINEERING WEATHER DATA," AND AWSP 105-56, "METEOROLOGICAL TECHNIQUES."

NOTE 1. WINTER WET BULB AND DEW POINT MEAN TEMPERATURES FOR VERY COLD STATIONS MUST BE USED WITH CAUTION. WHEN THE DRY BULB TEMPERATURE IS BELOW -35 DEGREES F, DEW POINT TEMPERATURES ARE NOT REPORTED (FMH-1B). AS A RESULT, WINTER MEAN DEW POINTS (AND MORE FREQUENTLY, WINTER MEAN WET BULB TEMPERATURES) ARE ACTUALLY LOWER THAN SHOWN IN THE TABLES. IN SOME HOUR GROUPS, IN FACT, MEAN WET BULB TEMPERATURES MAY ACTUALLY BE SHOWN AS EXCEEDING THE MEAN DRY BULB TEMPERATURES.

SPECIAL CAVEAT: DURING PART TIME PERIODS, THESE SUMMARIES REPRESENT THE "HIGH" AND "LOW" TEMPERATURES RECORDED AND NOT NECESSARILY THE ACTUAL MAXIMUM AND MINIMUM VALUES. THESE SUMMARIES ARE INFLUENCED BY THE ABSENCE OF NIGHTTIME TEMPERATURE READINGS. THEREFORE, CERTAIN SUMMARIES MAY DEPICT A SLIGHT "WARM" BIAS.

TEMPERATURE CONVERSIONS:  $F = 1.8C + 32$

$C = K - 273.0$  (BEFORE 5 APRIL 77)

$C = K - 273.2$  (SINCE 5 APRIL 77)

RELATIVE HUMIDITY--CUMULATIVE PERCENT OCCURRENCE FREQUENCY (POF).

CREATED FROM HOURLY OBSERVATIONS, THESE TABLES GIVE POF OF RELATIVE HUMIDITY FOR 10% INCREMENTS. MEANS AND TOTAL OBSERVATION COUNTS ARE ALSO PROVIDED. THE DATA IS SUMMARIZED AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF MAXIMUM TEMPERATURES IN FAHRENHEIT  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722570 STATION NAME: HOOD AAF/KILLEEN TX PERIOD OF RECORD: 6103-7006,7101-8412,8709-9109  
LST TO UTC: +06 MONTH: ALL HOURS: ALL

TEMP (DEG-F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
GE 105							.1	.7					.1
GE 100						.6	6.9	10.0	1.3				1.6
GE 95			.1	.8	2.0	11.7	39.1	43.1	9.9	.3			9.1
GE 90			1.0	3.8	11.6	53.8	78.6	79.9	38.6	6.7	.3		23.4
GE 85	.1	.9	5.1	15.1	40.0	81.5	93.2	92.1	65.5	25.0	3.1	.2	36.1
GE 80	1.9	4.6	14.0	37.9	65.3	92.8	97.7	97.8	84.2	50.2	13.0	1.9	47.9
GE 75	8.3	14.1	33.5	66.3	86.5	97.5	99.6	99.7	92.8	69.5	30.3	7.3	60.0
GE 70	17.5	28.8	51.0	81.7	95.2	99.3	100.0	100.0	97.8	84.4	47.8	23.2	70.0
GE 65	31.8	40.8	69.1	92.2	98.8	100.0			98.7	92.0	62.5	38.4	77.9
GE 60	44.2	55.2	81.2	96.6	99.7				99.7	96.2	76.6	52.3	84.2
GE 55	58.2	67.4	89.0	98.6	100.0				100.0	98.5	85.9	64.9	89.1
GE 50	68.4	80.2	94.6	100.0						99.6	92.5	78.0	93.1
GE 45	78.6	89.9	97.0							100.0	97.5	87.5	96.0
GE 40	86.7	95.3	99.3								99.7	93.4	97.9
GE 35	94.0	97.6	99.9								100.0	97.8	99.1
GE 33	96.2	98.9	99.9									98.7	99.5
GE 30	98.1	99.2	99.9									99.1	99.7
GE 25	99.7	99.7	100.0									99.8	99.9
GE 20	99.7	99.7										100.0	100.0
GE 15	100.0	100.0											100.0
MEAN	56.3	60.7	68.6	76.6	81.9	88.8	92.7	93.1	86.3	78.0	67.3	59.1	76.2
SD	13.28	12.47	10.73	8.09	6.71	5.74	5.26	5.51	7.25	6.73	10.90	11.87	15.57
TOTAL OBS	686	632	728	715	735	725	693	712	690	685	638	633	8272



OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF MINIMUM TEMPERATURES IN FAHRENHEIT  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: +06

PERIOD OF RECORD: 6103-7006,7101-8412,8709-9109  
MONTH: ALL HOURS: ALL

TEMP (DEG-F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
GE 85							.1	.3					.0
GE 80						.4	1.6	2.4	.3				.4
GE 75					2.2	17.4	35.8	38.4	12.3	1.2			9.2
GE 70			.3	5.7	24.5	66.1	93.1	90.2	51.7	10.4	1.1		29.3
GE 65	.6	.2	6.5	25.3	50.3	91.7	99.3	99.4	74.8	27.0	7.1	1.3	41.3
GE 60	4.1	2.8	16.6	47.0	77.8	97.8	100.0	100.0	87.7	47.6	16.1	4.4	51.4
GE 55	8.2	9.8	31.3	68.0	93.1	99.9			95.9	67.9	28.2	9.6	60.6
GE 50	15.6	20.3	48.2	82.9	98.4	100.0			99.1	84.5	45.8	18.5	69.0
GE 45	25.2	35.4	68.0	94.4	100.0				100.0	95.9	64.9	32.1	77.3
GE 40	41.5	57.0	81.7	98.7						99.4	82.3	51.7	85.0
GE 35	61.4	75.6	92.0	99.7						99.9	94.5	72.8	91.7
GE 33	69.1	81.8	95.3	99.9						100.0	96.7	79.6	93.8
GE 30	79.6	88.6	97.7	100.0							99.4	87.5	96.2
GE 25	89.1	95.9	99.6								99.5	94.8	98.3
GE 20	95.5	98.7	100.0								100.0	98.1	99.4
GE 15	98.8	100.0										99.4	99.9
GE 10	99.9											99.8	100.0
GE 5	100.0											100.0	100.0
MEAN	38.0	41.2	49.1	58.1	64.3	70.6	73.4	73.4	68.0	58.6	48.9	40.5	57.4
SD	11.00	9.66	9.92	8.08	6.32	4.35	2.97	3.29	6.42	8.22	9.70	10.15	14.83
TOTAL OBS	686	632	728	715	735	725	693	713	690	685	638	633	8273

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF MEAN TEMPERATURES IN FAHRENHEIT  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: +06

PERIOD OF RECORD: 6103-7006,7101-8412,8709-9109  
MONTH: ALL HOURS: ALL

TEMP (DEG-F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
GE 90						.1	1.7	4.8					.6
GE 85					1.0	13.2	39.1	43.7	9.6	.3			9.1
GE 80				2.7	14.4	61.0	86.3	85.7	43.0	5.3			25.5
GE 75			3.7	17.2	43.8	88.3	98.3	98.2	72.9	24.7	2.7		38.5
GE 70	.9	2.2	13.5	44.5	75.0	97.0	99.9	99.9	88.4	47.6	13.9	1.7	49.9
GE 65	8.0	10.8	31.6	70.2	92.4	99.6	100.0	100.0	95.9	70.9	29.8	6.8	61.0
GE 60	15.7	21.5	52.5	85.7	98.6	100.0			99.0	87.3	45.1	19.3	69.9
GE 55	28.3	38.8	69.0	93.8	100.0				100.0	95.6	65.4	35.7	78.2
GE 50	42.7	55.7	83.2	98.7						99.3	79.6	52.4	85.0
GE 45	61.1	73.9	92.7	100.0						100.0	92.0	70.8	91.3
GE 40	73.8	88.1	96.8								98.0	85.5	95.4
GE 35	87.0	94.0	99.2								99.8	92.9	97.8
GE 33	90.2	96.5	99.6								100.0	95.1	98.5
GE 30	93.7	98.6	99.9									97.5	99.2
GE 25	98.0	99.4	100.0									99.2	99.7
GE 20	99.6	99.7										99.7	99.9
GE 15	100.0	100.0										100.0	100.0
MEAN	47.4	51.2	59.1	67.6	73.4	80.0	83.3	83.5	77.4	68.6	58.4	50.1	67.0
SD	11.26	10.16	9.55	7.24	5.78	4.52	3.57	3.88	6.17	7.62	9.54	10.15	14.78
TOTAL OBS	686	632	728	715	735	725	693	712	690	685	638	633	8272

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

MONTHLY MAXIMUM TEMPERATURES IN FAHRENHEIT  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: +06

PERIOD OF RECORD: 6103-7006,7101-8412,8709-9109  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
61			84*	91	97	94	92	99	96	85	85	74	99*
62	76	87	82	90	92	94	101	106	97	92	84	73	106
63	80	88	86	98	95	97	101	101	100	91	88	74	101
64	74	69	79	85	89	94	102	103	96	85	80	82	103
65	76	71	77	90	88	93	96	97	101	91	86	76	101
66	70	73	87	93	95	96	103	102	97	90	83	82	103
67	80	78	93	87	96	100	106	104	89	88	84	77	106
68	76	74	84	83	89	94	92	95	97	90	82	74	97
69	86	83	86	84	88	101	99	105	94	90	86	74	105
70	80	84	81	88	87	95							95*
71	81*	80*	86*	92*	90*	95*	99*	94*	92*	87*	80*	75*	99*
72	80*	89*	89*	90*	88*	96*	94*	95*	95*	90*	81*	82*	96*
73	72*	76*	82*	84*	90*	91*	95*	96*	93*	88*	83*	83*	96*
74	77*	80*	87*	86*	90*	95*	102*	94*	87*	85*	81*	75*	102*
75	79*	78*	83*	86*	86*	91*	96*	96*	95*	91*	88*	80*	96*
76	76*	81*	87*	82*	88*	93*	94*	99*	92*	87*	76*	72*	99*
77	68*	84*	83*	82*	89*	94*	97*	99*	100*	88*	84*	85*	100*
78	81*	80*	78*	95*	97*	98*	102*	100*	93*	91*	82*	78*	102*
79	69*	83*	81*	85*	84*	95*	94*	94*	92*	98*	80*	77*	98*
80	76*	87*	83*	87*	88*	103*	102*	102*	98*	87*	86*	79*	103*
81	76*	79*	86*	90*	91*	95*	98*	98*	93*	90*	81*	75*	98*
82	76*	83*	83*	94*	88*	92*	99*	102*	95*	91*	84*	77*	102*
83	77*	76*	86*	85*	84*	93*	95*	100*	96*	94*	87*	74*	100*
84	71*	79*	90*	92*	97*	98*	99*	102*	94*	88*	80*	75*	102*
87									95*	93	87	78*	95*
88	70	78	85	96	95	98	100	104	96*	88	91*	77*	104*
89	81	78	91	95	98	97	100	99	100	99	90*	80*	100*
90	83	82	78	95	95	99	102	103	100	94	82*	81*	103*
91	74*	80*	96*	93*	93	95	98	100	92				100*

MONTHLY MAXIMUM TEMPERATURES IN FAHRENHEIT  
FROM SUMMARY OF DAY DATA

PERIOD OF RECORD: 6103-7006,7101-8412,8709-9109  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
GREATEST	86	89	96	98	98	103	106	106	101	99	91	85	106
TOTAL OBS	686	632	728	715	735	725	693	712	690	685	638	633	8272

THE GREATEST VALUE OF 106 OCCURRED ON 08/09/62

NOTE: \*THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

MONTHLY MINIMUM TEMPERATURES IN FAHRENHEIT  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: +06

PERIOD OF RECORD: 6103-7006,7101-8412,8709-9109  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
61			41*	39	53	63	67	62	55	47	37	21	21*
62	12	23	21	40	51	64	70	67	55	47	39	21	12
63	10	19	36	46	52	66	68	70	49	50	31	18	10
64	15	28	31	37	54	51	67	70	57	41	28	22	15
65	23	18	21	45	53	61	65	67	57	44	39	33	18
66	13	23	31	44	52	66	70	65	59	39	30	19	13
67	22	22	29	52	47	66	64	62	47	45	36	30	22
68	20	26	31	39	53	62	62	65	54	42	31	23	20
69	22	32	27	47	46	56	70	66	60	42	30	22	22
70	16	22	35	38	48	55							16*
71	19*	15*	27*	40*	47*	66*	63*	66*	47*	52*	35*	36*	15*
72	15*	21*	34*	43*	57*	57*	62*	68*	63*	43*	32*	24*	15*
73	21*	26*	42*	32*	47*	60*	68*	64*	56*	47*	36*	22*	21*
74	22*	24*	34*	40*	56*	58*	67*	69*	50*	43*	36*	25*	22*
75	15*	23*	30*	36*	55*	61*	66*	68*	48*	47*	30*	24*	15*
76	15*	31*	38*	46*	54*	62*	71*	70*	57*	38*	22*	23*	15*
77	18*	29*	37*	47*	57*	69*	70*	69*	64*	43*	36*	27*	18*
78	21*	26*	29*	45*	45*	64*	72*	68*	63*	51*	36*	28*	21*
79	16*	22*	36*	44*	52*	58*	70*	69*	53*	45*	24*	25*	16*
80	30*	26*	28*	41*	52*	64*	70*	72*	63*	33*	33*	32*	26*
81	30*	15*	30*	47*	47*	65*	71*	65*	50*	42*	38*	23*	15*
82	8*	22*	34*	41*	48*	58*	71*	73*	50*	40*	31*	26*	8*
83	30*	31*	33*	41*	52*	59*	66*	72*	47*	48*	36*	9*	9*
84	14*	26*	34*	42*	51*	57*	66*	68*	55*	50*	32*	31*	14*
87									59*	48	33	28*	28*
88	24	23	30	45	55	63	65	70	58*	53	34*	31*	23*
89	32	16	24	37	59	57	68	66	50	39	37*	10*	10*
90	32	35	34	43	50	68	66	68	56	41	35*	18*	18*
91	27*	33*	40*	46*	49	64	71	70	53				27*

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OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

MONTHLY MINIMUM TEMPERATURES IN FAHRENHEIT  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: +06

PERIOD OF RECORD: 6103-7006,7101-8412,8709-9109  
MONTH: ALL HOURS: ALL

[illegible]

THE LEAST VALUE OF 8 OCCURRED ON 01/11/82

NOTE: \*THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

MONTHLY MEAN TEMPERATURES IN FAHRENHEIT  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: +06

PERIOD OF RECORD: 6103-7006,7101-8412,8709-9109  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
61			60*	66	75	78	81	81	77	69	55	50	70*
62	44	58	56	66	76	80	85	87	80	72	58	49	68
63	41	49	63	72	75	82	85	85	79	74	59	43	67
64	48	46	57	68	73	79	84	85	77	65	60	51	66
65	52	47	49	69	72	79	83	83	80	66	63	53	66
66	43	49	60	68	73	81	86	84	79	67	62	49	67
67	51	51	66	73	73	84	85	84	75	68	60	50	68
68	48	48	58	67	73	80	79	82	75	70	55	50	65
69	52	51	52	67	70	79	85	82	77	65	56	51	66
70	42	52	55	69	72	78							61*
71	51*	53*	58*	66*	73*	81*	84*	78*	77*	70*	57*	53*	66*
72	49*	52*	64*	72*	72*	80*	80*	81*	81*	67*	51*	47*	67*
73	45*	49*	62*	61*	71*	76*	81*	81*	76*	70*	62*	50*	66*
74	48*	56*	65*	67*	77*	79*	83*	80*	69*	68*	55*	49*	66*
75	53*	52*	58*	67*	73*	79*	82*	82*	75*	72*	59*	51*	67*
76	48*	60*	65*	68*	71*	80*	81*	83*	77*	60*	51*	49*	66*
77	41*	54*	59*	66*	74*	81*	83*	85*	82*	71*	61*	54*	68*
78	40*	42*	57*	69*	77*	83*	87*	85*	79*	72*	57*	50*	67*
79	42*	51*	61*	66*	70*	78*	81*	81*	74*	70*	56*	54*	66*
80	49*	55*	59*	66*	71*	83*	88*	86*	81*	68*	57*	54*	69*
81	49*	52*	57*	73*	73*	80*	84*	83*	76*	67*	61*	53*	68*
82	50*	47*	62*	66*	74*	81*	85*	87*	78*	68*	59*	53*	68*
83	49*	53*	58*	64*	70*	77*	81*	84*	77*	71*	63*	40*	66*
84	43*	54*	61*	68*	74*	80*	83*	85*	75*	68*	57*	55*	67*
87									79*	68	57	51*	63*
88	45	50	58	67	73	79	82	86	79*	68	61*	53*	67*
89	52	45	59	66	77	78	82	82	75	70	61*	45*	67*
90	57	56	60	67	76	85	83	86	80	68	62*	53*	70*
91	46*	56*	64*	71*	76	81	84	84	76				73*

MONTHLY MEAN TEMPERATURES IN FAHRENHEIT  
FROM SUMMARY OF DAY DATA

PERIOD OF RECORD: 6103-7006,7101-8412,8709-9109  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
MEAN	47.4	51.2	59.1	67.6	73.4	80.0	83.3	83.5	77.4	68.6	58.4	50.1	67.0
TOTAL OBS	686	632	728	715	735	725	693	712	690	685	638	633	8272

NOTE: \*THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JAN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	46.4	8.922	436	0	26	10	0	0	436
03-05	44.7	8.854	435	0	31	6	0	0	435
06-08	41.6	10.238	680	0	111	11	0	0	680
09-11	46.9	10.960	644	0	58	33	0	0	644
12-14	54.2	12.488	645	0	27	155	2	0	645
15-17	56.7	12.686	648	0	23	210	8	0	648
18-20	51.4	11.116	645	0	36	81	0	0	645
21-23	48.0	9.922	573	0	36	29	0	0	573
ALL HOURS	49.0	11.912	4706	0	348	535	10	0	4705

MONTH: FEB

00-02	49.0	10.561	451	0	27	30	0	0	451
03-05	47.2	10.548	448	0	32	16	0	0	448
06-08	44.7	10.559	654	0	86	13	0	0	654
09-11	50.8	11.940	613	0	46	91	2	0	613
12-14	57.4	13.202	614	0	21	202	19	0	614
15-17	59.7	13.179	611	0	13	237	28	1	611
18-20	55.0	11.755	612	0	18	144	7	0	612
21-23	50.4	10.578	555	0	30	47	0	0	555
ALL HOURS	52.0	12.684	4558	0	273	780	56	1	4558

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OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: MAR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	55.0	9.843	490	0	6	92	0	0	490
03-05	52.9	10.044	489	0	9	71	0	0	489
06-08	52.4	9.923	733	0	13	100	0	0	733
09-11	59.1	9.875	688	0	3	227	5	0	688
12-14	65.6	10.570	686	0	0	401	42	2	686
15-17	68.0	10.505	685	0	0	456	67	3	685
18-20	63.7	9.846	687	0	0	343	21	1	687
21-23	58.6	9.323	616	0	3	200	1	0	616
ALL HOURS	59.8	11.425	5074	0	34	1890	136	6	5074

MONTH: APR

00-02	62.5	7.755	478	0	0	231	0	0	478
03-05	60.6	8.044	489	0	0	186	0	0	489
06-08	59.9	8.179	696	0	0	226	0	0	696
09-11	67.6	8.620	667	0	0	462	36	0	667
12-14	73.5	9.381	668	0	0	553	188	6	668
15-17	75.4	9.518	668	0	0	567	262	7	668
18-20	71.1	8.750	668	0	0	523	105	0	668
21-23	65.5	7.829	604	0	0	370	2	0	604
ALL HOURS	67.4	10.245	4938	0	0	3118	593	13	4938

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OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: MAY

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	69.5	5.280	498	0	0	408	1	0	498
03-05	67.4	5.838	579	0	0	399	0	0	579
06-08	67.9	6.150	715	0	0	514	6	0	715
09-11	74.7	6.637	697	0	0	635	163	1	697
12-14	80.0	7.038	695	0	0	678	389	20	695
15-17	81.6	6.775	698	0	0	692	459	22	698
18-20	77.8	6.426	698	0	0	685	297	4	698
21-23	72.7	5.382	565	0	0	523	52	0	565
ALL HOURS	74.3	8.142	5145	0	0	4534	1367	47	5145

MONTH: JUN

00-02	75.0	3.953	489	0	0	482	55	0	489
03-05	72.6	3.830	572	0	0	548	1	0	572
06-08	73.6	4.510	710	0	0	688	65	0	710
09-11	81.1	5.759	691	0	0	689	436	11	691
12-14	86.1	6.093	692	0	0	691	596	93	692
15-17	87.4	6.450	696	0	0	696	612	139	696
18-20	83.7	6.290	695	0	0	695	527	43	695
21-23	78.3	4.955	559	0	0	559	251	0	559
ALL HOURS	80.1	7.667	5104	0	0	5048	2543	286	5104

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OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX

PERIOD OF RECORD: OCT 81 - SEP 91

LST TO UTC: + 6

MONTH: JUL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	77.6	3.534	555	0	0	555	158	0	555
03-05	75.1	2.879	614	0	0	614	37	0	614
06-08	76.0	3.509	707	0	0	707	115	0	707
09-11	84.7	4.805	686	0	0	686	598	33	686
12-14	90.4	5.183	687	0	0	687	656	243	687
15-17	91.4	5.619	687	0	0	687	653	355	687
18-20	87.2	5.821	684	0	0	684	602	130	684
21-23	81.3	4.319	605	0	0	605	416	0	605
ALL HOURS	83.2	7.574	5225	0	0	5225	3235	761	5225

MONTH: AUG

00-02	79.3	3.810	586	0	0	586	320	0	586
03-05	76.5	3.181	646	0	0	646	94	0	646
06-08	76.9	3.312	742	0	0	742	151	0	742
09-11	85.8	5.049	716	0	0	716	636	55	716
12-14	92.0	5.312	718	0	0	718	692	385	718
15-17	93.3	5.584	715	0	0	715	692	475	715
18-20	88.5	5.973	717	0	0	717	643	200	717
21-23	82.7	4.674	629	0	0	629	472	0	629
ALL HOURS	84.6	7.843	5469	0	0	5469	3700	1115	5469

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: SEP

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	73.1	6.454	522	0	0	456	60	0	522
03-05	70.7	6.796	578	0	0	474	11	0	578
06-08	70.4	7.061	683	0	0	554	21	0	683
09-11	78.6	7.273	674	0	0	639	347	6	674
12-14	84.4	7.323	668	0	0	653	538	53	668
15-17	85.5	7.731	672	0	0	655	543	89	672
18-20	80.5	7.596	667	0	0	638	404	21	667
21-23	75.7	6.814	579	0	0	530	168	0	579
ALL HOURS	77.6	9.014	5043	0	0	4599	2092	169	5043

MONTH: OCT

00-02	63.8	7.580	480	0	0	231	5	0	480
03-05	61.6	8.097	550	0	0	219	0	0	550
06-08	61.1	8.828	684	0	0	269	1	0	684
09-11	68.8	8.994	661	0	0	450	86	1	661
12-14	75.2	9.565	664	0	0	561	240	10	664
15-17	76.4	9.311	658	0	0	572	265	13	658
18-20	71.0	8.833	661	0	0	510	124	0	661
21-23	66.6	7.858	545	0	0	337	22	0	545
ALL HOURS	68.4	10.374	4903	0	0	3149	743	24	4903

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: NOV

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	55.9	10.181	376	0	2	100	0	0	376
03-05	54.3	10.432	375	0	1	77	0	0	375
06-08	53.4	10.951	596	0	6	128	0	0	596
09-11	60.0	10.987	564	0	3	218	8	0	564
12-14	66.3	11.545	564	0	1	341	66	0	564
15-17	67.0	11.295	567	0	0	343	72	0	567
18-20	61.2	10.294	562	0	2	231	9	0	562
21-23	57.5	9.973	505	0	3	150	0	0	505
ALL HOURS	59.8	11.816	4109	0	18	1588	155	0	4109

MONTH: DEC

00-02	45.0	9.876	325	0	40	5	0	0	325
03-05	43.2	9.824	324	0	53	6	0	0	324
06-08	42.5	11.432	550	0	90	19	0	0	550
09-11	47.9	12.218	563	0	60	51	0	0	563
12-14	54.5	13.473	560	0	34	152	3	0	560
15-17	55.9	13.534	562	0	30	173	4	0	562
18-20	50.4	12.120	555	0	44	63	0	0	555
21-23	47.2	11.250	494	0	49	23	0	0	494
ALL HOURS	48.9	12.900	3933	0	400	492	7	0	3933

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OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: ALL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	64.1	13.882	5686	0	101	3186	599	0	5686
03-05	62.5	13.504	6099	0	126	3262	143	0	6099
06-08	60.7	14.911	8150	0	306	3971	359	0	8150
09-11	67.9	16.106	7864	0	170	4897	2317	107	7864
12-14	74.0	16.159	7861	0	83	5792	3431	812	7861
15-17	75.6	15.920	7867	0	66	6003	3665	1104	7867
18-20	70.9	15.773	7851	0	100	5314	2739	399	7851
21-23	65.8	14.743	6829		121	4002	1384	0	6829
ALL HOURS	68.0	16.101	58207	0	1073	36427	14637	2422	58207

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OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570 STATION NAME: HOOD AAF/KILLEEN TX PERIOD OF RECORD: OCT 81 - SEP 91  
LST TO UTC: + 6 MONTH: JAN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	41.9	8.784	436	65	87	2	0	0	436
03-05	40.9	9.051	435	91	78	3	0	0	435
06-08	38.5	10.252	680	206	100	1	0	0	680
09-11	42.0	10.243	644	108	145	2	0	0	644
12-14	46.0	10.261	645	57	253	4	0	0	645
15-17	47.3	10.105	648	46	271	8	0	0	648
18-20	44.6	9.851	645	69	193	1	0	0	645
21-23	42.8	9.583	573	81	140	0	0	0	573
ALL HOURS	43.1	10.229	4706	723	1267	21	0	0	4706

MONTH: FEB

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	44.8	9.755	448	49	147	2	0	0	448
03-05	43.6	10.065	445	58	139	3	0	0	445
06-08	41.3	10.359	651	146	144	1	0	0	651
09-11	45.0	10.387	613	80	206	1	0	0	613
12-14	48.2	10.111	613	44	291	9	0	0	613
15-17	49.1	9.519	611	32	308	9	0	0	611
18-20	47.0	9.596	612	42	258	2	0	0	612
21-23	44.8	9.551	554	58	174	0	0	0	554
ALL HOURS	45.5	10.224	4547	509	1667	27	0	0	4547

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OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: MAR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	49.4	10.110	490	20	217	27	0	0	490
03-05	48.4	10.437	489	28	203	26	0	0	489
06-08	48.5	10.439	733	37	315	28	0	0	733
09-11	52.2	9.529	688	9	396	48	0	0	688
12-14	55.0	9.053	686	3	484	85	1	0	686
15-17	55.8	8.740	685	0	512	95	1	0	685
18-20	54.1	8.881	687	6	447	67	0	0	687
21-23	51.8	9.427	616	11	331	39	0	0	616
ALL HOURS	52.1	9.908	5074	114	2905	415	2	0	5074

MONTH: APR

00-02	57.1	8.744	478	1	381	73	3	0	478
03-05	56.2	9.096	489	3	367	75	3	0	489
06-08	55.2	9.258	696	2	487	82	1	0	696
09-11	58.7	8.362	666	0	545	133	12	0	666
12-14	61.0	8.039	665	0	591	192	31	0	665
15-17	61.3	7.913	666	0	606	207	43	0	666
18-20	59.7	8.067	668	0	574	158	15	0	668
21-23	57.8	8.355	604	0	485	85	4	0	604
ALL HOURS	58.5	8.699	4932	6	4036	1005	112	0	4932

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OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: MAY

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	65.3	5.828	498	0	496	224	41	0	498
03-05	64.2	6.426	579	0	567	238	32	0	579
06-08	64.3	6.612	714	0	695	308	49	0	714
09-11	67.1	6.025	694	0	689	409	128	3	694
12-14	68.8	5.674	694	0	693	472	203	7	694
15-17	69.1	5.442	695	0	695	492	197	9	695
18-20	68.0	5.556	695	0	694	455	152	2	695
21-23	66.6	5.576	564	0	563	303	79	0	564
ALL HOURS	66.8	6.187	5133	0	5092	2901	881	21	5133

MONTH: JUN

00-02	70.3	3.309	489	0	489	427	126	0	489
03-05	69.3	3.551	572	0	572	477	91	0	572
06-08	69.9	3.770	710	0	710	602	183	0	710
09-11	72.6	3.719	691	0	691	644	386	8	691
12-14	73.7	3.570	692	0	692	647	486	9	692
15-17	73.7	3.458	696	0	696	656	490	8	696
18-20	72.5	3.474	695	0	695	638	390	0	695
21-23	71.2	3.199	559	0	559	498	206	0	559
ALL HOURS	71.8	3.918	5104	0	5104	4589	2358	25	5104

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OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JUL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	71.4	2.502	555	0	555	527	189	0	555
03-05	70.8	2.659	614	0	614	575	148	0	614
06-08	71.5	2.658	707	0	707	669	262	0	707
09-11	73.8	2.489	686	0	686	673	511	4	686
12-14	74.3	2.530	687	0	687	678	557	13	687
15-17	73.9	2.521	687	0	687	678	542	6	687
18-20	72.8	2.460	684	0	684	664	387	3	684
21-23	71.8	2.467	605	0	605	580	228	1	605
ALL HOURS	72.6	2.725	5225	0	5225	5044	2824	27	5225

MONTH: AUG

00-02	71.9	2.792	586	0	586	550	276	0	586
03-05	71.4	2.812	646	0	646	600	278	0	646
06-08	72.1	2.959	742	0	742	696	371	1	742
09-11	74.5	2.743	716	0	716	709	579	16	716
12-14	75.0	2.582	718	0	718	716	613	27	718
15-17	74.4	2.380	714	0	714	709	582	8	714
18-20	73.1	2.556	717	0	717	701	463	3	717
21-23	72.2	2.667	629	0	629	603	306	0	629
ALL HOURS	73.1	3.026	5468	0	5468	5284	3468	55	5468

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OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: SEP

HOURLS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	67.7	6.804	522	0	515	354	160	0	522
03-05	66.8	7.389	578	0	564	377	134	0	578
06-08	66.7	7.800	683	0	664	438	173	0	683
09-11	69.8	6.790	674	0	668	512	327	1	674
12-14	70.8	6.044	667	0	666	532	342	8	667
15-17	70.3	5.933	672	0	672	517	328	3	672
18-20	68.8	6.334	667	0	663	466	240	0	667
21-23	68.0	6.682	579	0	571	390	195	0	579
ALL HOURS	68.7	6.935	5042	0	4983	3586	1899	12	5042

MONTH: OCT

00-02	58.8	8.088	477	0	404	82	14	0	477
03-05	57.8	8.717	546	0	443	93	16	0	546
06-08	57.6	9.296	679	0	528	145	25	0	679
09-11	61.5	8.404	660	0	598	219	59	0	660
12-14	63.8	7.798	664	0	642	288	93	0	664
15-17	63.9	7.506	658	0	632	284	76	0	658
18-20	61.8	7.764	660	0	612	218	28	0	660
21-23	59.8	7.811	542	0	474	115	15	0	542
ALL HOURS	60.8	8.540	4886	0	4333	1444	326	0	4886

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OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: NOV

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	51.8	10.636	376	6	205	37	0	0	376
03-05	50.7	10.974	375	8	195	36	0	0	375
06-08	50.3	11.520	595	22	281	68	0	0	595
09-11	54.0	10.830	564	9	345	101	5	0	564
12-14	56.7	10.259	563	4	396	130	8	0	563
15-17	56.5	9.940	567	5	398	127	2	0	567
18-20	54.0	10.078	561	3	351	85	2	0	561
21-23	52.2	10.424	505	3	285	49	2	0	505
ALL HOURS	53.5	10.799	4106	60	2456	633	19	0	4106

MONTH: DEC

00-02	41.2	9.694	322	61	64	0	0	0	322
03-05	39.9	9.823	321	74	52	0	0	0	321
06-08	39.7	11.493	547	142	101	3	0	0	547
09-11	43.1	11.201	560	94	150	8	0	0	560
12-14	46.5	11.141	559	58	218	10	0	0	559
15-17	47.1	10.906	560	53	238	10	0	0	560
18-20	44.5	10.947	552	70	179	4	0	0	552
21-23	42.8	10.823	490	80	135	3	0	0	490
ALL HOURS	43.4	11.171	3911	632	1137	38	0	0	3911

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OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: ALL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	58.9	13.369	5677	202	4146	2305	809	0	5677
03-05	58.6	13.519	6089	262	4440	2503	702	0	6089
06-08	56.9	14.721	8137	555	5474	3041	1064	1	8137
09-11	60.2	14.131	7856	300	5835	3459	2007	32	7856
12-14	62.2	13.060	7853	166	6331	3763	2334	64	7853
15-17	62.4	12.531	7859	136	6429	3792	2261	34	7859
18-20	60.7	12.972	7843	190	6067	3459	1677	8	7843
21-23	58.9	13.380	6820	233	4951	2665	1035	1	6820
ALL HOURS	59.9	13.609	58134	2044	43673	24987	11889	140	58134

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OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JAN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	36.3	11.162	436	102	198	415	4	436
03-05	35.8	11.443	435	124	190	411	5	435
06-08	33.9	12.458	680	222	249	637	2	680
09-11	35.6	12.899	644	167	290	596	3	644
12-14	36.7	13.082	645	147	314	595	3	645
15-17	36.8	13.010	648	143	317	601	9	648
18-20	36.4	12.683	645	132	308	597	3	645
21-23	36.4	12.319	573	122	265	532	1	573
ALL HOURS	35.9	12.536	4706	1159	2131	4384	30	4706

MONTH: FEB

00-02	39.5	11.845	448	77	254	403	5	613
03-05	38.9	12.139	445	95	236	400	8	613
06-08	36.6	12.542	651	172	301	593	1	613
09-11	38.2	12.809	613	145	336	541	2	613
12-14	38.3	13.084	613	144	333	546	2	613
15-17	37.8	12.895	611	135	329	552	1	613
18-20	38.0	12.605	612	140	340	559	3	613
21-23	38.1	12.016	554	121	303	510	2	613
ALL HOURS	38.1	12.566	4547	1029	2432	4104	24	4547

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OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570      STATION NAME: HOOD AAF/KILLEEN TX      PERIOD OF RECORD: OCT 81 - SEP 91  
LST TO UTC: + 6      MONTH: MAR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	43.5	13.280	490	50	316	371	36	490
03-05	43.4	13.245	489	51	312	367	31	489
06-08	44.1	13.079	733	71	494	551	44	733
09-11	45.3	13.109	688	59	473	496	52	688
12-14	45.2	13.284	686	58	473	497	54	686
15-17	44.9	13.403	685	68	480	501	45	685
18-20	45.0	13.072	687	61	495	500	45	687
21-23	45.0	12.791	616	46	438	454	43	616
ALL HOURS	44.6	13.186	5074	466	3481	3737	350	5074

MONTH: APR

00-02	52.4	11.422	478	8	432	255	81	665
03-05	52.3	11.587	489	9	434	261	87	665
06-08	50.9	12.134	696	17	587	396	92	665
09-11	51.5	12.427	666	22	574	370	114	665
12-14	51.2	12.667	665	29	575	382	117	665
15-17	50.5	12.717	666	27	565	396	111	665
18-20	50.6	12.479	668	30	566	393	93	665
21-23	51.4	11.845	604	19	529	340	77	665
ALL HOURS	51.3	12.253	4932	161	4262	2793	772	4932

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OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: MAY

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	62.7	7.221	498	0	498	84	231	498
03-05	62.2	7.587	579	0	577	93	269	579
06-08	62.0	8.038	714	0	708	138	333	714
09-11	62.7	8.135	694	0	688	123	350	694
12-14	62.6	8.496	694	1	688	128	349	694
15-17	62.2	8.489	695	3	689	144	340	695
18-20	62.4	8.280	695	2	689	126	338	695
21-23	62.9	7.498	564	0	562	88	273	564
ALL HOURS	62.4	8.069	5133	6	5099	924	2483	5133

MONTH: JUN

00-02	68.1	3.956	489	0	489	6	424	692
03-05	67.6	4.048	572	0	572	12	480	692
06-08	68.0	4.291	710	0	710	21	613	692
09-11	68.7	4.290	691	0	691	19	623	692
12-14	68.1	4.467	692	0	692	17	594	692
15-17	67.6	4.375	696	0	696	17	565	692
18-20	67.3	4.465	695	0	695	18	546	692
21-23	67.8	4.000	559	0	559	7	463	692
ALL HOURS	67.9	4.354	5104	0	5104	117	4308	5104

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JUL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	68.4	3.683	555	0	555	5	488	555
03-05	68.7	3.605	614	0	614	4	553	614
06-08	69.3	3.610	707	0	707	4	648	707
09-11	69.0	3.646	686	0	686	3	612	686
12-14	67.0	4.455	687	0	687	24	549	687
15-17	65.6	4.998	687	0	687	29	456	687
18-20	65.8	4.916	684	0	684	28	461	684
21-23	67.3	4.164	605	0	605	10	481	605
ALL HOURS	67.6	4.453	5225	0	5225	107	4248	5225

MONTH: AUG

00-02	68.3	3.824	586	0	586	4	507	718
03-05	69.0	3.777	646	0	646	3	575	718
06-08	69.9	3.873	742	0	742	1	673	718
09-11	69.6	3.785	716	0	716	0	649	718
12-14	67.5	4.195	718	0	718	3	552	718
15-17	65.7	4.594	714	0	714	13	426	718
18-20	65.9	4.726	717	0	717	17	438	718
21-23	67.2	3.954	629	0	629	4	474	718
ALL HOURS	67.9	4.447	5468	0	5468	45	4294	5468

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OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: SEP

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	64.7	8.407	522	0	522	86	335	522
03-05	64.3	8.774	578	0	577	98	368	578
06-08	64.4	9.186	683	0	678	120	438	683
09-11	65.1	8.942	674	0	670	111	440	674
12-14	63.6	8.588	667	0	661	116	389	667
15-17	62.1	8.997	672	0	668	145	338	672
18-20	62.1	9.213	667	0	660	153	341	667
21-23	63.6	8.774	579	0	578	106	336	579
ALL HOURS	63.7	8.973	5042	0	5014	935	2985	5042

MONTH: OCT

00-02	55.1	10.146	477	0	461	229	97	664
03-05	54.8	10.497	546	2	525	267	115	664
06-08	54.9	10.951	679	0	649	340	166	664
09-11	56.3	10.857	660	4	636	293	189	664
12-14	56.2	10.673	664	4	638	294	187	664
15-17	55.5	10.778	658	8	618	304	172	664
18-20	55.3	10.500	660	2	628	315	157	664
21-23	54.7	10.090	542	0	526	267	107	664
ALL HOURS	55.4	10.634	4886	20	4681	2309	1190	4886

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OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: NOV

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	47.9	12.829	376	20	293	242	46	376
03-05	47.2	13.112	375	22	282	253	50	375
06-08	47.2	13.517	595	37	443	405	97	595
09-11	48.5	13.470	564	26	443	356	100	564
12-14	48.6	13.205	563	34	451	354	81	563
15-17	47.6	13.250	567	41	437	373	63	567
18-20	47.5	12.923	561	29	425	373	58	561
21-23	47.0	13.079	505	28	374	342	56	505
ALL HOURS	47.7	13.215	4106	237	3148	2698	551	4106

MONTH: DEC

00-02	35.9	11.946	322	78	137	298	0	559
03-05	35.2	11.921	321	82	125	298	0	559
06-08	35.7	13.387	547	143	228	488	8	559
09-11	37.0	13.220	560	131	255	493	7	559
12-14	37.7	13.329	559	118	268	493	6	559
15-17	37.3	13.472	560	128	277	495	5	559
18-20	37.4	13.310	552	130	272	487	5	559
21-23	37.2	13.094	490	111	230	439	6	559
ALL HOURS	36.8	13.133	3911	921	1792	3491	37	3911

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: ALL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	55.0	15.386	5677	335	4741	2398	2254	5677
03-05	55.4	15.478	6089	385	5090	2467	2541	6089
06-08	53.7	16.587	8137	662	6496	3694	3115	8137
09-11	54.6	16.189	7856	554	6458	3401	3141	7856
12-14	54.2	15.662	7853	535	6498	3449	2883	7853
15-17	53.4	15.446	7859	553	6477	3570	2531	7859
18-20	53.4	15.346	7843	528	6479	3566	2488	7843
21-23	53.6	15.507	6820	447	5598	3099	2319	6820
ALL HOURS	54.1	15.746	58134	3999	47837	25644	21272	58134

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OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY  
FROM FOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JAN

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02	100.0	99.8	98.6	95.4	85.8	67.4	50.7	30.7	16.3	69.1	436
03-05	100.0	100.0	99.3	97.2	88.3	74.5	58.9	37.9	19.5	72.0	435
06-08	100.0	100.0	99.4	97.2	91.0	79.4	63.8	44.4	20.0	74.3	680
09-11	100.0	99.8	97.5	89.6	76.7	63.8	47.7	28.0	15.1	66.6	644
12-14	100.0	98.4	86.4	72.2	55.2	41.9	27.4	16.0	7.9	55.1	645
15-17	100.0	97.2	82.4	64.6	47.2	32.9	22.2	11.3	6.9	51.2	648
18-20	100.0	98.9	93.8	80.8	67.6	48.2	31.5	17.8	8.4	59.2	645
21-23	100.0	99.3	98.6	91.8	77.3	61.6	43.6	27.1	14.0	66.0	573
ALL HOURS	100.0	99.1	94.1	85.2	72.5	57.7	42.3	26.1	13.2	63.7	4706

MONTH: FEB

00-02	100.0	100.0	99.6	94.6	83.9	72.1	56.7	39.5	19.2	70.9	448
03-05	100.0	100.0	100.0	96.4	88.5	75.5	62.0	43.8	26.1	73.9	445
06-08	100.0	100.0	99.7	95.9	89.6	77.3	64.1	42.9	22.1	73.9	651
09-11	100.0	99.0	94.6	84.3	72.9	59.5	47.0	31.0	15.3	65.1	613
12-14	99.8	94.5	81.6	66.7	53.0	41.6	27.7	18.8	9.8	53.8	613
15-17	99.8	89.9	75.9	60.6	45.8	32.4	23.4	14.9	7.2	49.7	611
18-20	100.0	97.1	86.6	74.5	59.2	45.6	31.7	20.4	8.5	56.8	612
21-23	100.0	99.8	97.7	86.8	74.5	60.3	45.1	29.1	12.5	65.0	554
ALL HOURS	100.0	97.3	91.4	81.6	69.9	57.0	43.8	29.3	14.6	63.1	4547

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: MAR

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02	100.0	99.0	97.3	91.6	79.8	65.1	49.6	33.9	14.7	67.5	490
03-05	100.0	99.8	98.4	96.3	87.1	71.2	57.5	41.3	21.7	71.9	489
06-08	100.0	99.9	99.3	97.7	90.2	79.5	64.8	47.9	23.1	74.7	733
09-11	100.0	99.1	93.8	84.7	69.3	57.4	44.5	28.6	14.7	63.7	688
12-14	99.4	95.8	81.8	68.1	51.6	36.7	24.5	12.5	6.1	52.1	686
15-17	99.6	93.6	76.5	59.9	43.2	29.1	19.1	9.3	3.2	47.9	685
18-20	99.7	96.1	86.5	73.1	57.9	41.9	26.1	14.6	7.1	54.7	687
21-23	100.0	99.2	95.8	87.8	73.9	58.6	41.1	23.9	10.6	63.4	616
ALL HOURS	99.8	97.7	90.7	81.6	68.2	54.1	40.1	25.9	12.3	61.5	5074

MONTH: APR

00-02	100.0	100.0	100.0	96.7	88.7	71.5	58.2	36.2	16.1	71.3	478
03-05	100.0	100.0	100.0	98.8	93.5	80.0	66.5	46.8	26.2	75.4	489
06-08	100.0	100.0	99.6	96.6	88.5	75.4	61.5	46.7	25.9	74.0	696
09-11	100.0	98.9	92.5	77.8	65.3	52.4	37.8	20.9	11.0	60.2	666
12-14	100.0	95.8	80.2	61.8	47.2	33.7	18.2	9.3	4.5	49.6	665
15-17	100.0	92.9	74.3	56.3	41.0	26.7	13.4	4.8	2.4	45.8	666
18-20	100.0	96.4	84.9	68.0	52.5	36.7	20.8	9.1	3.1	51.8	668
21-23	100.0	99.7	96.5	87.6	73.2	57.0	40.2	20.9	6.1	62.7	604
ALL HOURS	100.0	97.8	90.3	79.2	67.2	52.7	38.0	23.3	11.4	60.5	4932

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: MAY

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO									MEAN	TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%		
00-02	100.0	100.0	100.0	99.8	98.8	93.8	83.3	55.0	23.5	80.0	498
03-05	100.0	100.0	100.0	100.0	99.1	96.2	90.8	71.0	38.5	84.0	579
06-08	100.0	100.0	100.0	99.7	98.3	95.1	84.9	67.2	35.0	82.3	714
09-11	100.0	99.9	99.0	96.4	87.9	71.5	47.3	24.1	10.8	68.2	694
12-14	100.0	99.3	96.3	86.9	68.4	44.1	21.6	10.8	4.0	57.7	694
15-17	100.0	98.4	95.3	81.9	59.9	35.3	17.6	7.5	2.3	54.3	695
18-20	100.0	99.3	97.1	90.5	76.3	55.1	30.9	12.4	4.5	61.4	695
21-23	100.0	100.0	99.6	98.8	94.0	83.2	62.2	33.9	11.7	72.8	564
ALL HOURS	100.0	99.6	98.3	93.8	84.3	70.2	52.9	33.8	15.7	69.4	5133

MONTH: JUN

00-02	100.0	100.0	100.0	100.0	100.0	96.5	82.0	50.5	20.7	79.8	489
03-05	100.0	100.0	100.0	100.0	100.0	99.5	94.6	73.6	33.9	85.0	572
06-08	100.0	100.0	100.0	100.0	99.9	99.0	91.7	66.3	27.9	83.2	710
09-11	100.0	100.0	100.0	99.4	95.1	72.9	38.1	13.5	5.9	67.1	691
12-14	100.0	100.0	99.9	95.8	70.2	30.3	13.0	5.2	2.2	56.3	692
15-17	100.0	100.0	99.4	92.2	53.7	21.4	10.1	6.2	3.0	53.4	696
18-20	100.0	100.0	99.6	96.5	75.7	43.0	18.8	9.4	4.9	59.5	695
21-23	100.0	100.0	99.8	99.8	95.9	83.5	52.6	23.6	8.6	71.4	559
ALL HOURS	100.0	100.0	99.8	97.8	85.2	66.1	47.8	29.5	12.8	68.7	5104



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JUL

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02	100.0	100.0	100.0	99.8	97.7	87.6	65.8	34.6	13.9	74.5	555
03-05	100.0	100.0	100.0	100.0	99.5	98.0	83.2	60.9	25.7	81.2	614
06-08	100.0	100.0	100.0	100.0	99.4	96.3	82.6	53.5	24.5	80.7	707
09-11	100.0	100.0	99.9	96.6	82.1	50.9	21.4	7.3	2.8	60.7	686
12-14	100.0	100.0	96.4	77.9	36.0	13.5	5.1	2.8	1.5	47.8	687
15-17	100.0	99.6	91.3	60.0	25.6	11.9	8.3	3.1	1.3	44.7	687
18-20	100.0	99.7	96.3	77.2	48.4	25.7	15.9	5.4	2.0	51.5	684
21-23	100.0	100.0	100.0	97.9	84.8	59.0	32.7	15.2	3.6	64.1	605
ALL HOURS	100.0	99.9	97.9	88.1	70.5	54.1	38.4	22.3	9.2	62.7	5225

MONTH: AUG

00-02	100.0	100.0	100.0	99.8	97.1	82.4	50.5	17.6	3.8	70.0	586
03-05	100.0	100.0	100.0	100.0	99.4	97.5	81.1	44.0	13.3	78.3	646
06-08	100.0	100.0	100.0	100.0	99.2	96.5	83.6	50.7	19.8	79.8	742
09-11	100.0	100.0	99.9	96.8	80.0	46.2	21.1	7.5	3.2	60.0	716
12-14	100.0	100.0	95.5	71.7	29.0	12.0	5.3	2.6	.8	46.3	718
15-17	100.0	100.0	90.1	47.9	19.9	9.4	5.2	1.8	.4	42.1	714
18-20	100.0	100.0	96.8	70.6	41.0	22.6	12.3	5.7	2.2	49.5	717
21-23	100.0	100.0	100.0	98.3	79.0	51.2	24.6	8.1	3.5	61.0	629
ALL HOURS	100.0	100.0	97.7	85.0	67.0	51.2	34.9	17.2	5.9	60.5	5468

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: SEP

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02	100.0	100.0	100.0	100.0	96.6	88.5	68.8	42.0	15.7	75.9	522
03-05	100.0	100.0	100.0	100.0	99.1	95.0	82.4	60.0	28.7	80.9	578
06-08	100.0	100.0	100.0	100.0	98.8	95.3	85.5	62.7	33.8	81.9	683
09-11	100.0	100.0	100.0	95.3	82.9	62.6	37.5	17.1	6.7	64.9	674
12-14	100.0	100.0	96.1	79.8	53.1	23.7	10.2	5.4	3.0	51.6	667
15-17	100.0	100.0	90.8	65.5	38.5	18.5	11.3	6.4	2.4	47.9	672
18-20	100.0	100.0	96.9	81.3	61.3	38.4	22.8	11.5	5.8	56.2	667
21-23	100.0	100.0	99.8	98.1	86.4	70.8	45.9	23.8	7.9	67.7	579
ALL HOURS	100.0	100.0	97.8	89.4	76.0	60.1	44.3	27.8	12.8	65.3	5042

MONTH: OCT

00-02	100.0	100.0	100.0	98.3	94.3	84.7	65.0	39.2	22.0	74.8	477
03-05	100.0	100.0	100.0	99.1	97.1	90.8	79.5	54.8	30.6	79.5	546
06-08	100.0	100.0	100.0	99.9	97.3	92.9	81.0	59.2	33.3	80.9	679
09-11	100.0	100.0	98.6	93.5	80.3	63.8	45.3	28.0	14.7	66.8	660
12-14	100.0	99.7	93.8	78.0	54.7	33.1	21.8	13.6	6.9	54.7	664
15-17	100.0	98.6	89.2	71.6	45.4	28.4	19.3	13.2	5.6	51.7	658
18-20	100.0	99.8	96.7	87.7	69.8	47.0	28.9	20.5	9.8	60.4	660
21-23	100.0	100.0	99.8	95.6	85.8	68.3	43.9	24.5	13.1	67.5	542
ALL HOURS	100.0	99.8	97.1	89.9	76.9	62.2	47.0	31.1	16.7	66.5	4886

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: NOV

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02	100.0	100.0	99.7	98.7	94.7	83.5	68.9	45.7	18.1	75.3	376
03-05	100.0	100.0	99.7	98.9	97.3	87.5	72.5	50.4	28.0	77.8	375
06-08	100.0	100.0	99.8	99.7	98.5	91.1	75.5	54.6	31.9	79.8	595
09-11	100.0	100.0	99.3	93.1	82.8	66.0	48.9	30.3	12.4	67.8	564
12-14	100.0	100.0	93.8	79.4	61.3	39.8	22.0	12.1	2.7	55.5	563
15-17	99.6	99.3	90.8	72.1	52.2	34.9	19.0	10.1	3.5	52.6	567
18-20	100.0	100.0	98.8	90.4	74.2	56.3	38.1	20.1	7.0	62.8	561
21-23	100.0	100.0	99.6	96.4	87.1	69.7	51.1	35.0	13.5	69.6	505
ALL HOURS	100.0	99.9	97.5	90.4	79.7	64.4	47.7	31.0	14.0	66.9	4106

MONTH: DEC

00-02	100.0	100.0	99.7	98.1	90.4	74.8	52.8	30.7	13.4	70.4	322
03-05	100.0	100.0	100.0	99.7	93.1	81.0	58.9	36.1	13.4	72.8	321
06-08	100.0	100.0	100.0	99.6	95.8	86.5	68.6	45.9	23.2	76.7	547
09-11	100.0	100.0	98.2	91.6	82.3	65.7	46.6	30.5	16.8	67.7	560
12-14	100.0	99.5	89.1	75.7	59.4	41.7	28.4	16.8	9.8	56.6	559
15-17	99.8	99.1	84.1	67.3	50.7	35.7	25.5	15.0	7.5	53.3	560
18-20	100.0	100.0	96.7	87.9	70.8	53.4	38.9	23.7	9.6	62.7	552
21-23	100.0	100.0	99.8	95.7	85.5	70.4	49.2	29.4	13.3	68.9	490
ALL HOURS	100.0	99.8	95.4	88.2	76.7	61.7	44.8	27.9	13.3	65.4	3911

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: ALL

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO									MEAN	TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%		
00-02	100.0	99.9	99.6	97.8	92.6	81.2	62.9	37.7	16.2	73.4	5677
03-05	100.0	100.0	99.8	99.0	95.7	88.5	75.7	53.1	25.9	78.3	6089
06-08	100.0	100.0	99.8	98.8	95.6	88.8	75.9	53.7	26.7	78.6	8137
09-11	100.0	99.7	97.8	91.7	79.8	60.9	39.9	21.8	10.6	64.8	7856
12-14	99.9	98.6	91.0	76.3	53.0	32.2	18.4	10.2	4.8	53.0	7853
15-17	99.9	97.4	86.8	66.6	43.3	26.0	15.9	8.4	3.7	49.4	7859
18-20	100.0	98.9	94.2	81.3	62.5	42.3	25.9	13.8	6.0	57.0	7843
21-23	100.0	99.8	98.9	94.5	82.9	65.7	43.9	24.1	9.7	66.5	6820
ALL HOURS	100.0	99.2	95.7	87.5	74.4	59.1	43.4	26.9	12.5	64.4	58134

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTT	FFFFFFFF
PPPPPPPP	AAAAAAAA	RRRRRRRR	TTTTTTTT	FFFFFFFF
PP PP	AA AA	RR RR	TT	FF
PP PP	AA AA	RR RR	TT	FF
PPPPPPPP	AA AA	RRRRRRRR	TT	FFFFF
PPPPPPPP	AAAAAAAAAA	RRRRRRRR	TT	FFFFF
PP	AAAAAAAAAA	RR RR	TT	FF
PP	AA AA	RR RR	TT	FF
PP	AA AA	RR RR	TT	FF
PP	AA AA	RR RR	TT	FF

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**PART F**

**PRESSURE SUMMARIES**

**ALL PRESSURE DATA IN PART F IS TAKEN FROM HOURLY OBSERVATIONS. IT IS SUMMARIZED:**

- BY EIGHT 3-HOUR STANDARD SYNOPTIC REPORTING TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).**
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).**
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).**

**SEA LEVEL PRESSURE.**

**IN MILLIBARS, TABLES GIVE MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS. THIS SUMMARY IS NOT AVAILABLE FOR METAR REPORTING SITES.**

**ALTIMETER SETTING.**

**IN INCHES OF MERCURY (HG), TABLES GIVE MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS.**

**STATION PRESSURE.**

**IN INCHES OF MERCURY (HG), TABLES GIVE MEANS, STANDARD DEVIATIONS AND TOTAL OBSERVATION COUNTS.**

**PRESSURE CONVERSIONS ARE: 1 MILLIBAR = 0.02953 INCHES OF MERCURY (HG).**

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

SEA LEVEL PRESSURE IN MILLIBARS  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91

HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
0000	MEAN	1021.3	1019.5	1016.2	1014.7	1012.9	1013.9	1016.0	1015.1	1016.1	1018.2	1018.1	1020.8	1016.7
	SD	6.185	7.786	7.744	5.756	4.041	3.017	2.497	2.581	3.214	4.525	6.951	6.603	5.811
	TOT OBS	146	153	164	159	166	163	188	198	174	160	126	110	1907
0300	MEAN	1020.7	1019.3	1015.6	1014.1	1012.4	1013.6	1015.7	1014.9	1015.8	1017.9	1017.6	1020.6	1016.3
	SD	6.329	7.973	7.809	5.705	4.040	3.103	2.494	2.561	3.199	4.591	7.036	6.680	5.874
	TOT OBS	145	149	163	159	166	163	184	193	174	160	125	108	1889
0600	MEAN	1021.0	1019.3	1015.4	1013.8	1013.2	1014.1	1016.3	1015.5	1016.5	1018.3	1018.0	1020.6	1016.6
	SD	6.586	7.472	7.402	6.393	4.469	3.048	2.357	2.467	3.505	4.913	6.890	7.557	6.011
	TOT OBS	231	223	251	244	250	247	249	263	235	240	200	170	2803
0900	MEAN	1022.4	1020.7	1016.8	1015.3	1014.2	1015.0	1017.4	1016.6	1017.7	1019.6	1019.6	1022.2	1018.0
	SD	6.854	7.472	7.635	6.540	4.622	3.034	2.333	2.420	3.629	5.037	7.167	7.511	6.207
	TOT OBS	215	205	228	222	232	230	229	237	224	220	188	188	2618
1200	MEAN	1022.2	1020.6	1016.3	1014.7	1013.7	1014.5	1016.8	1016.1	1017.1	1018.8	1018.9	1021.8	1017.5
	SD	6.866	7.573	7.689	6.362	4.506	3.055	2.320	2.501	3.520	4.935	7.158	7.494	6.215
	TOT OBS	214	206	228	222	232	231	228	238	223	222	190	187	2621
1500	MEAN	1019.4	1017.9	1013.8	1012.7	1011.9	1012.8	1015.0	1014.0	1014.8	1016.5	1016.6	1019.3	1015.3
	SD	6.822	7.507	7.625	6.341	4.469	3.073	2.306	2.646	3.496	4.879	7.035	7.432	6.069
	TOT OBS	216	205	228	223	233	232	228	239	223	220	190	187	2624
1800	MEAN	1019.6	1017.9	1013.4	1011.9	1010.9	1011.8	1014.0	1013.0	1014.4	1016.4	1016.9	1019.8	1014.8
	SD	6.671	7.388	7.561	6.217	4.422	3.124	2.385	2.585	3.494	4.893	7.037	7.414	6.227
	TOT OBS	215	205	228	223	231	232	228	239	221	220	188	188	2618
2100	MEAN	1020.8	1019.2	1014.8	1013.4	1012.2	1012.8	1015.0	1014.2	1015.9	1017.8	1018.2	1021.0	1016.1
	SD	6.540	7.336	7.511	6.138	4.393	3.068	2.370	2.594	3.502	4.844	7.175	7.535	6.199
	TOT OBS	213	204	228	223	233	232	228	238	224	220	187	182	2612
ALL HOURS	MEAN	1020.9	1019.3	1015.2	1013.8	1012.7	1013.6	1015.8	1014.9	1016.0	1017.9	1018.0	1020.8	1016.4
	SD	6.720	7.610	7.694	6.316	4.512	3.233	2.600	2.771	3.616	4.959	7.124	7.416	6.177
	TOT OBS	1595	1550	1718	1675	1743	1730	1762	1845	1698	1662	1394	1320	19692

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

ALTIMETER SETTING IN INCHES  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91

HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
0000	MEAN	30.18	30.13	30.03	30.00	29.95	29.99	30.05	30.03	30.05	30.10	30.09	30.16	30.06
	SD	.176	.220	.221	.165	.117	.088	.072	.073	.091	.129	.197	.187	.163
	TOT OBS	146	153	164	158	166	163	188	197	174	160	126	110	1905
0300	MEAN	30.16	30.12	30.02	29.98	29.94	29.98	30.04	30.02	30.04	30.10	30.08	30.15	30.05
	SD	.180	.226	.223	.163	.116	.090	.072	.073	.092	.130	.200	.189	.165
	TOT OBS	145	149	163	159	166	163	184	193	174	160	125	108	1889
0600	MEAN	30.16	30.12	30.01	29.97	29.96	29.99	30.06	30.04	30.06	30.10	30.08	30.15	30.05
	SD	.188	.212	.213	.184	.128	.090	.069	.071	.100	.139	.196	.214	.169
	TOT OBS	231	223	251	244	249	248	249	263	234	240	200	170	2802
0900	MEAN	30.20	30.16	30.05	30.01	29.99	30.02	30.09	30.07	30.09	30.14	30.13	30.20	30.09
	SD	.194	.213	.220	.188	.133	.090	.068	.070	.103	.143	.205	.214	.175
	TOT OBS	216	205	228	223	232	230	229	237	224	220	188	188	2620
1200	MEAN	30.20	30.15	30.04	30.00	29.97	30.00	30.07	30.05	30.08	30.12	30.11	30.19	30.08
	SD	.195	.215	.221	.185	.130	.090	.068	.072	.100	.142	.205	.213	.175
	TOT OBS	214	206	229	223	232	231	228	238	223	222	188	187	2621
1500	MEAN	30.11	30.07	29.96	29.94	29.92	29.95	30.02	29.99	30.01	30.05	30.05	30.12	30.01
	SD	.194	.214	.220	.183	.129	.090	.067	.074	.099	.139	.200	.211	.171
	TOT OBS	216	205	228	223	233	232	228	239	223	220	190	187	2624
1800	MEAN	30.12	30.07	29.95	29.91	29.89	29.92	29.99	29.96	30.00	30.05	30.05	30.13	30.00
	SD	.190	.211	.218	.180	.127	.092	.069	.075	.099	.139	.200	.211	.175
	TOT OBS	215	205	228	223	231	232	229	240	221	220	188	188	2620
2100	MEAN	30.15	30.11	29.99	29.96	29.93	29.95	30.02	30.00	30.04	30.09	30.09	30.16	30.04
	SD	.186	.209	.217	.177	.128	.090	.069	.075	.099	.139	.204	.213	.174
	TOT OBS	214	204	229	223	234	232	228	237	224	221	187	182	2615
ALL HOURS	MEAN	30.16	30.11	30.00	29.97	29.94	29.98	30.04	30.02	30.05	30.09	30.09	30.16	30.05
	SD	.191	.217	.221	.182	.130	.095	.076	.080	.103	.142	.203	.210	.174
	TOT OBS	1597	1550	1720	1676	1743	1731	1763	1844	1697	1663	1392	1320	19696



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

STATION PRESSURE IN INCHES  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91

HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
0000	MEAN	29.17	29.12	29.04	29.00	28.96	28.99	29.05	29.03	29.05	29.10	29.09	29.16	29.06
	SD	.170	.214	.216	.158	.113	.086	.072	.072	.090	.125	.192	.182	.158
	TOT OBS	147	153	164	157	166	163	188	197	174	160	127	109	1905
0300	MEAN	29.16	29.12	29.02	28.98	28.94	28.98	29.05	29.02	29.04	29.10	29.08	29.15	29.05
	SD	.175	.219	.217	.159	.112	.088	.071	.072	.090	.127	.195	.184	.161
	TOT OBS	145	149	163	159	166	163	184	193	174	160	125	108	1889
0600	MEAN	29.16	29.11	29.01	28.97	28.96	28.99	29.06	29.04	29.06	29.10	29.08	29.15	29.05
	SD	.184	.206	.207	.178	.124	.087	.069	.070	.099	.136	.191	.208	.165
	TOT OBS	231	223	251	244	249	248	249	263	234	240	200	170	2802
0900	MEAN	29.20	29.15	29.05	29.01	28.99	29.02	29.09	29.07	29.09	29.14	29.13	29.19	29.09
	SD	.189	.207	.214	.183	.129	.088	.068	.070	.101	.139	.199	.208	.170
	TOT OBS	216	205	228	223	232	230	229	237	224	220	188	188	2620
1200	MEAN	29.19	29.15	29.04	29.00	28.98	29.01	29.07	29.05	29.08	29.12	29.11	29.18	29.08
	SD	.190	.209	.215	.180	.126	.088	.068	.071	.098	.138	.199	.208	.170
	TOT OBS	214	206	229	223	232	231	228	238	223	222	188	187	2621
1500	MEAN	29.11	29.08	28.97	28.94	28.92	28.96	29.02	28.99	29.01	29.05	29.05	29.11	29.02
	SD	.188	.208	.214	.178	.125	.087	.066	.072	.097	.136	.195	.205	.167
	TOT OBS	216	205	228	223	233	232	228	239	223	220	190	187	2624
1800	MEAN	29.12	29.07	28.95	28.92	28.90	28.93	28.99	28.97	29.00	29.05	29.05	29.12	29.00
	SD	.184	.205	.212	.175	.123	.088	.067	.072	.097	.136	.195	.205	.170
	TOT OBS	215	205	228	223	231	232	229	240	221	220	188	188	2620
2100	MEAN	29.15	29.11	28.99	28.96	28.93	28.96	29.02	29.00	29.04	29.09	29.09	29.16	29.04
	SD	.181	.203	.211	.173	.123	.087	.068	.074	.098	.135	.199	.207	.169
	TOT OBS	214	204	229	223	234	232	228	237	224	221	187	182	2615
ALL HOURS	MEAN	29.16	29.11	29.01	28.97	28.95	28.98	29.04	29.02	29.05	29.09	29.09	29.15	29.05
	SD	.186	.210	.216	.177	.126	.092	.075	.078	.101	.138	.198	.205	.169
	TOT OBS	1598	1550	1720	1675	1743	1731	1763	1844	1697	1663	1393	1319	19696



PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	GGGGGG
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTTT	GGGGGGGG
PP PP	AA AA	RR RR	TT	GG GG
PP PP	AA AA	RR RR	TT	GG
PPPPPPPP	AA AA	RRRRRRRR	TT	GG
PPPPPPPP	AAAAAAAAA	RRRRRRRR	TT	GG GGG
PP	AAAAAAAAA	RR RR	TT	GG GGGGG
PP	AA AA	RR RR	TT	GG GG
PP	AA AA	RR RR	TT	GGGGGGGG
PP	AA AA	RR RR	TT	GGGGGG

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PART G

CROSSWIND SUMMARY

CROSSWIND SUMMARIES.

THESE TABLES ARE CREATED FROM HOURLY AND SPECIAL OBSERVATIONS (INCLUDING PEAK GUST REMARKS). THE TABLES ARE SUMMARIZED AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY MONTH (ALL YEARS AND THE HOURS 0600-2000 LST COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND THE HOURS 0600-2000 LST COMBINED).

THE TABLES GIVE PERCENT OCCURRENCE FREQUENCY (POF) OF THE "CROSS-RUNWAY WIND COMPONENT" FOR THE WIND SPEED CLASSES SPECIFIED IN THE TABLE HEADINGS. THERE ARE TWO COMPONENT CATEGORIES:

THE FIRST COMPONENT IS COMPUTED FROM THE REPORTED WIND DIRECTION AND WIND SPEED FROM HOURLY RECORD OR RECORD-SPECIAL OBSERVATIONS.

THE SECOND COMPONENT IS COMPUTED FROM THE HIGHEST REPORTED WIND SPEED AND DIRECTION FROM ALL OBSERVATIONS INCLUDING REMARKS, GUSTS, AND SPECIAL OBSERVATIONS.

OBSERVATION COUNTS INCLUDE CALM WINDS.

VARIABLE WINDS ARE CONSIDERED A DIRECT CROSSWIND IF THE SPEED EQUALS OR EXCEEDS THE SPECIFIED THRESHOLD WIND SPEED VALUE(S).

A TOTAL OBSERVATION COUNT IS INCLUDED.

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 149-329

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JAN

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	2.8	.5		436	2.5			435	2.5			680	7.1	.8		645
CATEGORY B	3.4	.6		524	3.3	.4		520	4.6	.6		787	9.3	2.2	.1	760

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	11.5	.9		645	7.4	.2		648	2.8	.2		646	3.3	.2		572
CATEGORY B	14.1	3.2		739	9.3	1.8	.1	721	3.1	1.4	.1	712	4.5	.8		651

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	6.2	.4		3264	5.2	.3		4707
CATEGORY B	8.1	1.9	.1	3719	6.7	1.5	.1	5414

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 149-329

STATION NUMBER: 722570

STATION NAME: BOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: FEB

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	2.7			451	2.7	.4		448	1.5	.2		654	6.0			613
CATEGORY B	3.8	.8		529	2.5	.9	.2	559	2.2	.4		773	7.3	1.9		725

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	8.0	.2		613	4.4	.3		611	2.3			612	2.0	.4		555
CATEGORY B	11.1	2.3	.1	701	8.0	1.6	.4	688	2.8	.3		681	4.0	.3	.3	619

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	4.4	.1		3103	3.8	.2		4557
CATEGORY B	6.2	1.3	.1	3568	5.3	1.1	.1	5275

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OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 149-329

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: MAR

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	1.6			490	1.2	.2		489	2.7			733	10.8	1.0		688
CATEGORY B	3.8	1.0		582	2.9	1.0		622	5.3	1.0	.1	885	13.9	3.4	.2	813

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	11.5	2.0		686	8.9	1.3		685	2.6	.1		687	1.3			616
CATEGORY B	16.0	4.6	.7	763	12.1	4.8	.3	746	3.9	.8	.1	749	2.5	.7		677

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	7.2	.9		3479	5.4	.6		5074
CATEGORY B	10.1	2.9	.3	3956	7.8	2.2	.2	5837

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OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 149-329

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: APR

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	1.3			478	1.0			489	2.4	.3		696	9.0	1.2	.1	667
CATEGORY B	1.4	.2		577	1.4	.2		637	3.7	1.2	.1	860	11.0	3.7	.4	780

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	9.7	.3		668	7.2	1.0		668	3.4	.4		669	1.8	.2		604
CATEGORY B	15.4	3.6	.3	745	10.9	3.2		725	5.2	.7		729	2.6	.1		682

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	6.3	.7	.0	3368	4.8	.5	.0	4939
CATEGORY B	9.1	2.4	.2	3839	6.7	1.7	.1	5735



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 149-329

STATION NUMBER: 722570

STATION NAME: BOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: MAY

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	2.0			498	.9			578	2.0	.4		715	3.9	.3		698
CATEGORY B	3.0	.6		627	2.3	.5		745	2.6	1.0	.1	909	6.9	1.8		813

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	4.2	.1		695	3.2	.1		698	1.9			698	1.4	.4		565
CATEGORY B	7.9	1.5	.3	785	7.5	1.4	.1	759	3.2	.4		760	3.6	1.2	.3	664

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	3.0	.2		3504	2.5	.2		5145
CATEGORY B	5.5	1.2	.1	4026	4.7	1.1	.1	6062

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 149-329

STATION NUMBER: 722570 STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JUN

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	.8			488	.7			573	1.7			711	4.2			691
CATEGORY B	1.3	.4		558	1.4	.3		696	3.7	.6		814	7.6	.9	.3	786

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	3.5			692	2.0	.1		695	2.3	.9	.1	695	1.1	.2		559
CATEGORY B	7.5	.9	.3	747	5.0	.9	.3	759	4.5	1.9	.3	749	1.6	.8	.2	619

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	2.7	.2	.0	3484	2.1	.2	.0	5104
CATEGORY B	5.7	1.0	.2	3855	4.3	.9	.2	5728

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 149-329

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JUL

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A				555	.3	.2		613	.8			707	1.9			686
CATEGORY B	.2			584	.6	.3	.1	701	1.0	.1		785	3.3	.3		734

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	1.7	.3		687	1.9	.1		687	1.5	.1		687				607
CATEGORY B	4.2	1.0		717	5.5	1.2	.5	744	2.1	.6		727	.2	.2		624

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	1.6	.1		3454	1.1	.1		5229
CATEGORY B	3.2	.6	.1	3707	2.2	.5	.1	5616

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 149-329

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: AUG

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	.2			586				646	.3			742	2.1			716
CATEGORY B	.2			597				691	.6			822	4.0	.7		748

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	1.8			718	2.5	.1		715	.7	.1		717	.2			629
CATEGORY B	3.8	.8	.1	746	3.1	.4		766	1.7	.9	.4	770	.2			643

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	1.5	.1		3608	1.0	.0		5469
CATEGORY B	2.6	.5	.1	3852	1.8	.4	.1	5783

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 149-329

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: SEP

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	.6			522	1.0			578	1.6			683	5.6	.1		674
CATEGORY B	1.0	.5		582	1.5	.3	.2	664	2.1	.4		844	7.6	1.3		768

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	4.8			668	5.8	.3		672	2.7			667	.5	.2		579
CATEGORY B	7.8	1.3		719	8.6	3.3	.1	764	4.4	1.2		733	1.0	.2		617

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	4.1	.1		3364	3.0	.1		5043
CATEGORY B	6.0	1.5	.0	3828	4.4	1.1	.0	5691

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 149-329

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: OCT

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	.4			480	1.3	.2		550	1.2			684	6.7	.3		661
CATEGORY B	1.5			527	2.4	.9		633	2.5	.4		787	9.9	2.2		715

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	7.7	.8		663	3.8			658	1.2			661	.9	.4		545
CATEGORY B	11.6	3.6	.1	698	6.1	.9		687	1.6	.1		675	1.2	.3		577

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	4.1	.2		3327	3.1	.2		4902
CATEGORY B	6.3	1.4	.0	3562	4.8	1.1	.0	5299

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 149-329

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: NOV

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	3.2			376	1.6	.3		375	1.3			596	7.6	.9		564
CATEGORY B	4.7	1.8		445	2.9	.7		443	3.0	.9		701	10.3	3.4	.5	651

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	12.1	1.2		564	6.7	.2		567	1.2			562	2.0	.2		505
CATEGORY B	14.2	5.1	.3	613	10.3	2.8		603	2.7	.5		593	4.1	.9		541

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	5.7	.5		2853	4.7	.4		4109
CATEGORY B	8.0	2.5	.2	3161	6.7	2.1	.1	4590

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 149-329

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: DEC

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	1.2			325	2.5			324	1.5	.2		550	5.3			563
CATEGORY B	2.2	.3		363	2.5	.5		366	3.3	.5	.2	636	7.8	2.0		641

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	10.2	.7		560	6.9			562	2.2	.5		554	.6	.2		494
CATEGORY B	15.0	4.0		620	8.5	2.0		609	3.5	1.3	.3	600	1.1	.2		531

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	5.2	.3		2789	4.1	.2		3932
CATEGORY B	7.6	2.0	.1	3106	6.0	1.5	.1	4366



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 149-329

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: ALL

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	1.3	.0		5685	1.2	.1		6098	1.6	.1		8151	5.8	.4	.0	7866
CATEGORY B	2.1	.5		6495	1.9	.5	.0	7277	2.9	.6	.0	9603	8.3	2.0	.1	8934

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	7.0	.5		7859	5.0	.3		7866	2.1	.2	.0	7855	1.2	.2		6830
CATEGORY B	10.6	2.6	.2	8593	7.9	2.0	.2	8571	3.2	.8	.1	8478	2.2	.5	.1	7445

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	4.3	.3	.0	39597	3.3	.2	.0	58210
CATEGORY B	6.5	1.6	.1	44179	5.1	1.2	.1	65396



PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTT	HH	HH
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTT	HH	HH
PP PP	AA AA	RR RR	TT	HH	HH
PP PP	AA AA	RR RR	TT	HH	HH
PPPPPPPP	AA AA	RRRRRRRR	TT	HHHHHHHH	HH
PPPPPPPP	AAAAAAAA	RRRRRRRR	TT	HHHHHHHH	HH
PP	AAAAAAAA	RR RR	TT	HH	HH
PP	AA AA	RR RR	TT	HH	HH
PP	AA AA	RR RR	TT	HH	HH
PP	AA AA	RR RR	TT	HH	HH

H - 1 - 1

## PART B

### DEGREE DAY SUMMARIES

#### DEGREE DAYS.

CREATED FROM HOURLY OBSERVATIONS (MAX+MIN/2 WHEN AVAILABLE), THESE TABLES GIVE THE NUMBER OF DEGREE DAYS FOR EACH MONTH IN EACH YEAR OF THE AVAILABLE PERIOD OF RECORD.

INCLUDED BENEATH EACH SUMMARY ARE STATISTICS BASED ON A 30-YEAR (1951-1980) FOR (IF AVAILABLE). THE 30-YEAR FOR PROVIDES AWS USERS WITH A SUMMARY CONSISTENT WITH OTHER STANDARD CLIMATIC PUBLICATIONS, NOTABLY THOSE OF THE NATIONAL CLIMATIC DATA CENTER (NCDC). NOTE THAT THE 30-YEAR FOR WILL CHANGE TO 1961-1990 AS SOON AS DATA FOR DECEMBER 1990 HAS BEEN PROCESSED.

MONTHS WITH NO AVAILABLE DATA AND MONTHS WITH A VALUE OF ZERO APPEAR AS BLANKS IN THESE TABLES. ASTERISKS (\*\*\*\*) DENOTE AN INCOMPLETE MONTH WITH A DAY (OR DAYS) THAT CANNOT BE CALCULATED (FILLED IN) AUTOMATICALLY.

#### HEATING DEGREE DAYS.

ONE "HEATING DEGREE DAY" IS ASSIGNED TO REPRESENT EACH DEGREE THAT THE MEAN TEMPERATURE FALLS BELOW A DESIGNATED "BASE TEMPERATURE" OF 65 DEGREES\* FAHRENHEIT. FOR EXAMPLE, IF THE MEAN TEMPERATURE ON A GIVEN DAY IS 57 DEGREES, THAT DAY IS SAID TO HAVE 8 HEATING DEGREE DAYS.

#### COOLING DEGREE DAYS.

ONE "COOLING DEGREE DAY" IS ASSIGNED TO REPRESENT EACH DEGREE THAT THE TEMPERATURE RISES ABOVE A DESIGNATED "BASE TEMPERATURE" OF 65 DEGREES\* FAHRENHEIT. FOR EXAMPLE, IF THE MEAN TEMPERATURE FOR A GIVEN DAY IS 73 DEGREES, THAT DAY IS SAID TO HAVE 8 COOLING DEGREE DAYS.

\*65 DEGREES FAHRENHEIT HAS BEEN SELECTED AS THE NATIONWIDE STANDARD "BASE TEMPERATURE" AT WHICH (AT LEAST THEORETICALLY) NO HEATING OR COOLING IS REQUIRED. IF ANOTHER BASE TEMPERATURE IS USED IN THESE TABLES, IT WAS SPECIALLY REQUESTED BY THE STATION, AND IS NOTED.

NOTE 1. THESE SUMMARIES ARE NOT AVAILABLE FOR PART TIME PERIODS.

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

HEATING DEGREE DAYS  
FROM HOURLY OBSERVATIONS

BASE TEMPERATURE 65

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: JAN 62 - SEP 91

YEARS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1962	650	208	291	65	1					32	210	467	1924
1963	715	436	134	32	6					2	201	680	2206
1964	529	543	236	46	2					42	195	444	2037
1965	412	503	470	31					1	53	104	361	1935
1966	664	442	181	37	14					50	142	503	2033
1967	441	376	76	4	9				6	36	178	442	1568
1968	517	483	246	47						16	307	451	2067
1969	402	380	383	23	10	5				112	301	****	1616
1990	****	244	190	63	7					71	****	****	575
1991	****	****	****	****	4				9				13
MEAN	541	401	245	38	5	0			1	46	204	478	
SD	121.87	113.56	122.41	19.24	4.74	1.58			3.20	32.00	70.37	98.67	

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

COOLING DEGREE DAYS  
FROM HOURLY OBSERVATIONS

BASE TEMPERATURE 65

STATION NUMBER: 722570

STATION NAME: BOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: JAN 62 - SEP 91

YEARS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1962		25	20	110	357	449	636	711	461	263	10		3042
1963	1	8	81	245	341	525	649	641	439	281	43		3254
1964	2		10	140	276	446	605	628	369	57	61	17	2611
1965	10		2	160	237	435	578	578	475	116	50	11	2652
1966	3	2	30	131	287	495	675	614	432	116	65	21	2871
1967	14	7	127	250	271	567	647	606	311	153	29	3	2985
1968	6		35	111	271	446	457	534	326	199	24	2	2411
1969	22	7	6	110	168	444	624	556	360	140	33	****	2470
1990	****	8	41	123	341	596	555	657	443	190	****	****	2954
1991	****	****	****	****	348	493	607	600	329				2377
MEAN	7	6	39	153	289	489	603	612	394	168	39	7	
SD	7.65	7.86	40.73	55.83	59.32	56.88	62.39	51.08	61.86	72.44	18.89	8.64	

A W S CLIMATIC BRIEF  MAR 92	STATION NAME: HOOD AAF/KILLEEN TX LATITUDE/LONGITUDE: 31 09 N 097 43 W HOURLY OBS POR: OCT 81 - SEP 91 SUMMARY OF DAY POR: NOV 60-DEC 84, SEP 87-SEP 91 HOURS SUMMARIZED: 0000 - 2300 LST LST TO UTC: +06												FIELD ELEV: 930 FT STATION MSC: 722570 CALL SIGN: KHLR  SUPERSEDES: OCT 87			
	MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR	
	EXTRM MAX TEMP (F)	86	89	96	98	98	103	106	106	101	99	91	85	106	27	
	MEAN MAX TEMP (F)	56	61	69	77	82	89	93	93	86	78	67	59	76	27	
	MEAN TEMP (F)	47	51	59	68	73	80	83	84	77	69	58	50	67	27	
	MEAN MIN TEMP (F)	38	41	49	58	64	71	73	73	68	59	49	41	57	27	
	EXTRM MIN TEMP (F)	8	15	21	32	45	51	62	62	47	33	22	9	8	27	
	D/W TEMP GE 100 (F)	0	0	0	0	0	1	2	3	1	0	0	0	7	27	
	D/W TEMP GE 90 (F)	0	0	1	1	4	16	24	25	12	2	#	0	85	27	
	D/W TEMP LT 33 (F)	10	5	1	#	0	0	0	0	0	0	1	6	23	27	
	D/W TEMP LT 20 (F)	1	1	0	0	0	0	0	0	0	0	0	1	3	27	
	HEATING DEGREE DAYS	541	401	245	38	5	#	0	0	1	46	204	478	1959	30	
	COOLING DEGREE DAYS	7	6	39	153	289	489	603	612	394	168	39	7	2806	30	
	MEAN DEWPOINT TEMP (F)	35	38	44	51	62	67	67	67	63	55	47	36	54	10	
	MEAN WET BULB TEMP (F)	43	45	52	58	66	71	72	73	68	60	53	43	59	10	
	99.95% WCPA (FT)	1300	1400	1500	1450	1300	1150	1050	1100	1100	1200	1400	1350	1350	10	
	MEAN REL HUM 07 LST(%)	74.3	73.9	74.7	74.0	82.3	83.2	80.7	79.8	81.9	80.9	79.8	76.7	78.6	10	
	MEAN REL HUM 13 LST(%)	55.1	53.8	52.1	49.6	57.7	56.3	47.8	46.3	51.6	54.7	55.5	56.6	53.0	10	
	MAX 24HR PPRECIP (IN)	2.25	3.67	2.03	5.54	8.92	3.52	4.16	5.65	4.76	4.74	2.64	2.45	8.92	28	
	MAX PRECIP (IN)	8.61	5.30	4.34	7.06	13.90	6.32	8.44	13.30	7.43	10.07	4.60	3.63	46.28	28	
	MEAN PRECIP (IN)	1.96	2.35	2.27	3.19	4.27	2.63	1.30	2.09	3.93	2.64	2.79	1.72	30.68	28	
	MIN PRECIP (IN)	.32	.51	.72	.21	.98	.05	.02	.20	.09	.23	.14	.14	17.83	28	
	D/W PRECIP GE .01 (IN)	8	7	8	8	9	7	5	6	8	6	7	7	86	28	
	D/W PRECIP GT .50 (IN)	1	2	2	2	3	2	1	2	2	2	2	1	22	28	
	MAX 24HR SNFL (IN)	5.0	7.7	1.2	0	0	0	0	0	0	0	1.2	1.5	7.7	28	
	MAX SNFL (IN)	5.0	8.2	1.2	0	0	0	0	0	0	0	1.6	1.5	10.2	28	
	MEAN SNFL (IN)	.6	1.4	.1	0	0	0	0	0	0	0	#	.2	3.2	28	
	D/W SNFL GE .1 (IN)	1	1	#	0	0	0	0	0	0	0	1	#	3	28	
	D/W SNFL GE 1.5 (IN)	1	1	0	0	0	0	0	0	0	0	0	#	2	28	
	MAX DLY SPD DEPTH (IN)	4	5	1	0	0	0	0	0	0	0	2	1	5	28	
	PRVING WND DIR (DEG)	35-01	35-01	17-19	17-19	14-16	17-19	17-19	17-19	17-19	17-19	17-19	35-01	17-19	10	
	MEAN WND SPD (KTS)	7	7	8	8	7	6	5	5	6	6	7	7	6	10	
	MAX WND SPD (KTS)	46	61	47	52	85	48	54	45	48	50	53	48	85	28	
	SKY COVER FT 5/10 (%)	56.7	57.4	54.9	53.9	59.1	47.4	35.4	33.8	43.7	43.4	51.0	51.8	48.7	10	
	D/W THUNDERSTORMS	1	1	3	4	6	5	4	5	4	2	1	1	37	28	
	D/W FOG (V BY LT 7 MI)	12	10	11	12	14	7	4	5	9	9	10	11	114	28	
LEGEND: AN = ANNUAL D/W = MEAN NUMBER OF DAYS WITH # = BASED ON LESS THAN FULL MONTHS ** = INSTANTANEOUS PEAK WINDS * = DATA NOT AVAILABLE															POR/YOR = PERIOD/YEARS OF RECORD WCPA = WORST CASE MAXIMUM PRESSURE ALTITUDE # = LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE \$ = PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN WIND DIRECTION	

		PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY													
MONTH		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
CIG LT 3000 FT AND/OR VSBY LT 3 MI	LST														
	00 - 02	28.0	29.5	27.8	27.2	29.3	13.7	4.1	.7	8.2	19.6	26.3	26.5	20.1	10
	03 - 05	31.7	35.0	29.9	34.6	38.2	22.2	10.9	4.0	18.7	29.5	34.4	28.1	26.4	10
	06 - 08	34.4	37.4	38.9	36.4	38.6	22.1	12.2	6.3	23.6	34.6	36.2	36.2	29.7	10
	09 - 11	34.3	37.4	36.2	33.1	32.7	22.1	9.9	4.9	23.0	31.2	32.4	35.5	27.7	10
	12 - 14	27.9	28.8	25.4	22.8	18.8	8.0	2.6	1.4	6.4	19.9	19.9	28.2	17.5	10
	15 - 17	21.1	24.5	17.7	13.8	8.0	2.7	1.9	.4	3.7	11.7	12.5	23.1	11.8	10
	18 - 20	19.0	22.5	15.6	9.1	8.6	3.0	.6	1.7	4.6	12.3	10.9	24.9	11.1	10
	21 - 23	23.7	22.7	20.3	13.8	11.3	5.2	.5	1.1	5.9	11.7	16.8	26.7	13.3	10
	ALL	27.4	29.7	26.5	23.5	23.0	12.3	5.4	2.6	11.9	21.5	23.3	28.8	19.1	10

CIG LT 1500 FT AND/OR VSBY LT 3 MI	00 - 02	18.1	21.5	13.9	14.9	14.1	5.1	2.7	.3	5.2	13.7	16.8	18.5	12.1	10
	03 - 05	22.3	28.1	18.4	21.5	19.2	9.9	6.2	1.2	9.9	19.6	22.4	19.8	16.5	10
	06 - 08	23.5	28.3	23.8	25.3	21.7	12.0	7.5	4.6	15.2	26.6	22.9	27.1	19.9	10
	09 - 11	22.8	24.3	18.2	18.7	12.8	6.1	2.3	2.2	8.5	19.2	17.6	23.8	14.7	10
	12 - 14	16.7	17.9	9.8	7.2	5.2	1.0	.7	.4	2.7	9.9	8.0	17.1	8.0	10
	15 - 17	12.2	14.2	6.3	2.1	2.9	.7	.1	.1	2.2	6.2	5.7	15.7	5.7	10
	18 - 20	11.1	13.6	6.7	3.1	2.7	1.3	.1	.7	2.8	7.4	5.3	13.9	5.7	10
	21 - 23	14.5	14.6	11.2	5.3	5.3	2.5	.2	.6	3.1	7.5	10.3	17.4	7.7	10
	ALL	17.5	20.2	13.4	12.0	10.3	4.8	2.5	1.3	6.2	13.9	13.2	19.2	10.8	10

CIG LT 1000 FT AND/OR VSBY LT 2 MI	00 - 02	13.5	15.5	10.2	8.6	6.6	2.7	.7	.2	3.4	9.4	8.8	15.1	7.9	10
	03 - 05	16.3	20.1	12.3	12.3	10.7	6.5	3.3	.8	5.0	15.3	13.1	16.4	11.0	10
	06 - 08	18.8	21.3	15.8	18.0	12.7	5.8	4.1	1.6	10.1	20.3	16.4	22.4	13.9	10
	09 - 11	17.8	19.6	11.9	12.9	7.5	2.2	1.6	.8	4.6	13.9	11.5	20.4	10.4	10
	12 - 14	11.8	14.8	6.4	3.9	3.2	.1	.4	.4	1.2	6.8	4.4	15.2	5.7	10
	15 - 17	10.2	10.6	4.4	1.2	1.7	.3	.1	.1	1.3	4.7	3.4	12.6	4.2	10
	18 - 20	9.4	11.5	4.7	2.2	1.3	.6	.0	.1	2.4	4.5	4.4	11.7	4.4	10
	21 - 23	11.9	13.2	5.8	3.3	2.8	1.4	.0	.0	2.4	6.1	6.7	12.8	5.5	10
	ALL	13.7	15.8	8.9	7.7	5.8	2.4	1.3	.5	3.8	10.2	8.5	15.9	7.5	10

CIG LT 200 FT AND/OR VSBY LT 1/2 MI	00 - 02	2.3	1.8	1.2	.4	.8	.0	.0	.0	.0	.4	1.6	2.2	.9	10
	03 - 05	3.9	3.3	1.2	.8	.9	.0	.3	.0	.0	2.0	2.7	2.5	1.5	10
	06 - 08	5.3	2.8	1.0	1.3	1.1	.0	.0	.0	.4	4.5	5.4	6.9	2.4	10
	09 - 11	4.2	2.0	.9	.6	.4	.0	.0	.0	.1	1.7	2.0	3.4	1.3	10
	12 - 14	1.1	1.0	.4	.0	.0	.0	.0	.0	.0	.3	.0	1.8	.4	10
	15 - 17	.9	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	.4	10
	18 - 20	1.2	1.1	.0	.1	.0	.1	.0	.0	.0	.2	.4	4.0	.6	10
	21 - 23	1.4	3.1	.0	.7	.0	.0	.0	.0	.0	.4	.8	3.2	.8	10
	ALL	2.5	2.0	.6	.5	.4	.0	.0	.0	.1	1.2	1.6	3.4	.9	10

HURRICANES/TROPICAL STORMS OBSERVED FOR THE PERIOD : 1900 - 1986

HR/TS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
60NM	0/0	0/0	0/0	0/0	0/0	0/2	0/1	0/4	0/1	0/0	0/0	0/0	0/8
120NM	0/0	0/0	0/0	0/0	0/0	0/4	1/3	2/7	1/3	0/0	0/0	0/0	4/17
240NM	0/0	0/0	0/0	0/0	0/0	7/9	6/11	11/18	6/13	0/2	0/0	0/0	29/53

REMARKS : @ SUMMARY OF DAY DATA - PART TIME, JUL 70 THRU JAN 90.



## DISTRIBUTION

1WG, Bldg 168, Hardee St., Ft McPherson, GA 30300-5000 .....	1
Det 14, 1WXG, Bldg 90049, Rm 118, Gray AAF, W Ft Hood, TX 76544-5076 .....	1
USAFETAC/DOL (Technical Services), Scott AFB, IL 62225-5118 .....	2
OL-A, USAFETAC, Federal Building, Asheville, NC 28801-2723 .....	2
DTIC-FDAC, Cameron Station, Alexandria, VA 22304-6145 .....	2
AWSTL, Scott AFB, IL 62225-5458 .....	3

DIST

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: DEC HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	47.8	48.5	48.7	48.9	49.1	49.1	49.3	49.3	49.3	49.5	49.5	49.5	49.5	49.5	49.6	49.6
GE 20000	52.5	53.3	53.5	53.6	53.8	53.8	54.0	54.0	54.0	54.2	54.2	54.2	54.2	54.2	54.4	54.4
GE 18000	52.5	53.3	53.5	53.6	53.8	53.8	54.0	54.0	54.0	54.2	54.2	54.2	54.2	54.2	54.4	54.4
GE 16000	52.5	53.3	53.5	53.6	53.8	53.8	54.0	54.0	54.0	54.2	54.2	54.2	54.2	54.2	54.4	54.4
GE 14000	52.5	53.3	53.5	53.6	53.8	53.8	54.0	54.0	54.0	54.2	54.2	54.2	54.2	54.2	54.4	54.4
GE 12000	53.1	53.8	54.0	54.2	54.4	54.4	54.5	54.5	54.5	54.7	54.7	54.7	54.7	54.7	54.9	54.9
GE 10000	56.2	56.9	57.1	57.3	57.5	57.5	57.6	57.6	57.6	57.8	57.8	57.8	57.8	57.8	58.0	58.0
GE 9000	56.5	57.3	57.5	57.6	57.8	57.8	58.0	58.0	58.0	58.2	58.2	58.2	58.2	58.2	58.4	58.4
GE 8000	56.7	57.8	58.0	58.4	58.5	58.5	58.7	58.7	58.7	58.9	58.9	58.9	58.9	58.9	59.1	59.1
GE 7000	57.3	58.4	58.5	58.9	59.1	59.1	59.3	59.3	59.3	59.5	59.5	59.5	59.5	59.5	59.6	59.6
GE 6000	57.5	58.5	58.7	59.1	59.3	59.3	59.5	59.5	59.5	59.6	59.6	59.6	59.6	59.6	59.8	59.8
GE 5000	58.4	59.5	59.6	60.0	60.2	60.2	60.4	60.4	60.4	60.5	60.5	60.5	60.5	60.5	60.7	60.7
GE 4500	58.9	60.0	60.2	60.5	60.7	60.7	60.9	60.9	60.9	61.1	61.1	61.1	61.1	61.1	61.3	61.3
GE 4000	59.6	60.7	60.9	61.3	61.5	61.5	61.6	61.6	61.6	61.8	61.8	61.8	61.8	61.8	62.0	62.0
GE 3500	60.9	62.0	62.2	62.5	62.7	62.7	62.9	62.9	62.9	63.1	63.1	63.1	63.1	63.1	63.3	63.3
GE 3000	61.8	63.1	63.3	63.6	63.8	63.8	64.0	64.0	64.0	64.2	64.2	64.2	64.2	64.2	64.4	64.4
GE 2500	62.0	63.6	63.8	64.2	64.4	64.4	64.5	64.5	64.5	64.7	64.7	64.7	64.7	64.7	64.9	64.9
GE 2000	65.1	67.6	68.0	68.4	68.7	68.7	68.9	69.1	69.1	69.3	69.3	69.3	69.3	69.3	69.5	69.5
GE 1800	65.8	68.4	68.7	69.1	69.5	69.5	69.8	70.0	70.0	70.2	70.2	70.2	70.2	70.2	70.4	70.4
GE 1500	69.1	71.6	72.2	72.5	72.9	72.9	73.3	73.5	73.5	73.6	73.6	73.6	73.6	73.6	73.8	73.8
GE 1200	70.7	73.5	74.0	74.5	75.1	75.1	75.5	75.6	75.6	75.8	75.8	75.8	76.0	76.0	76.2	76.4
GE 1000	72.4	75.5	76.0	76.7	77.3	77.3	77.6	77.8	77.8	78.0	78.0	78.0	78.2	78.2	78.4	78.5
GE 900	72.7	75.8	76.7	77.5	78.0	78.0	78.4	78.7	78.7	78.9	78.9	78.9	79.1	79.1	79.3	79.5
GE 800	73.8	77.1	78.2	78.9	79.6	79.6	80.0	80.4	80.4	80.5	80.5	80.5	80.7	80.7	81.5	81.6
GE 700	74.4	78.0	79.5	80.4	81.3	81.5	81.8	82.2	82.2	82.5	82.5	82.5	82.7	82.7	83.5	83.6
GE 600	74.4	78.5	80.0	81.1	82.2	82.5	83.1	83.5	83.5	83.8	84.0	84.0	84.2	84.2	84.9	85.1
GE 500	75.6	80.0	81.6	82.7	84.0	84.4	85.1	85.6	85.6	86.0	86.2	86.2	86.4	86.4	87.1	87.3
GE 400	75.8	80.4	82.5	83.8	85.5	85.8	86.7	87.6	87.6	88.4	88.5	88.5	88.9	88.9	89.8	90.5
GE 300	76.2	80.7	83.6	84.9	86.7	87.1	88.0	89.1	89.1	90.2	91.1	91.3	91.6	91.6	92.7	93.6
GE 200	76.2	80.7	83.6	84.9	86.7	87.3	88.2	89.5	89.5	90.7	92.2	92.4	93.1	93.3	94.9	97.1
GE 100	76.2	80.7	83.6	84.9	86.7	87.3	88.4	89.6	89.6	91.5	92.9	93.1	93.8	94.4	96.2	98.7
GE 000	76.2	80.7	83.6	84.9	86.7	87.3	88.4	89.6	89.6	91.5	92.9	93.1	93.8	94.4	96.5	100.0

TOTAL NUMBER OF OBSERVATIONS 550

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: DEC HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	46.0	47.2	47.6	47.8	47.8	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
GE 20000	51.3	52.6	52.9	53.1	53.1	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
GE 18000	51.3	52.6	52.9	53.1	53.1	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
GE 16000	51.3	52.6	52.9	53.1	53.1	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
GE 14000	51.3	52.6	52.9	53.1	53.1	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
GE 12000	52.0	53.3	53.6	53.8	53.8	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
GE 10000	55.6	56.8	57.2	57.4	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
GE 9000	56.5	57.7	58.1	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
GE 8000	57.9	59.3	59.9	60.0	60.0	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
GE 7000	59.0	60.4	60.9	61.1	61.1	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
GE 6000	59.0	60.6	61.1	61.3	61.3	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
GE 5000	59.1	60.7	61.3	61.5	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
GE 4500	59.1	60.7	61.3	61.5	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
GE 4000	60.7	62.3	62.9	63.1	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
GE 3500	61.3	62.9	63.4	63.6	63.6	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 3000	61.6	63.8	64.3	64.5	64.5	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
GE 2500	63.2	65.5	66.1	66.3	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
GE 2000	67.5	70.0	70.7	70.9	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
GE 1800	67.7	70.2	70.9	71.0	71.2	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 1500	72.1	74.8	75.8	76.0	76.2	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
GE 1200	73.5	76.2	77.3	77.6	77.8	78.2	78.2	78.2	78.2	78.2	78.3	78.3	78.3	78.3	78.3	78.3
GE 1000	74.4	77.1	78.2	78.7	79.2	79.6	79.6	79.6	79.6	79.6	79.8	79.8	79.8	79.8	79.8	79.8
GE 900	76.2	79.0	80.1	80.8	81.3	81.9	82.1	82.1	82.1	82.2	82.6	82.6	82.6	82.6	82.6	82.6
GE 800	76.6	79.6	80.6	82.1	82.8	83.3	83.7	83.7	83.7	84.0	84.4	84.4	84.7	84.7	84.7	84.7
GE 700	77.3	80.6	81.9	83.3	84.2	84.7	85.1	85.1	85.1	85.4	85.8	85.8	86.1	86.1	86.1	86.1
GE 600	77.3	81.7	84.0	85.6	86.7	87.2	87.7	87.9	87.9	88.3	88.6	88.6	89.0	89.0	89.0	89.0
GE 500	77.6	82.4	84.7	86.7	88.1	88.8	89.5	90.1	90.1	90.4	90.9	91.1	91.5	91.5	91.5	91.5
GE 400	77.8	82.6	84.9	87.0	88.6	89.3	90.2	91.3	91.3	91.8	92.7	92.9	93.3	93.3	93.3	93.4
GE 300	77.8	82.6	84.9	87.0	88.6	89.3	90.6	92.2	92.2	93.1	94.8	95.2	95.6	95.7	96.3	96.8
GE 200	77.8	82.6	84.9	87.0	88.6	89.5	90.8	92.4	92.4	93.3	95.2	95.9	96.6	96.8	97.9	98.6
GE 100	77.8	82.6	84.9	87.0	88.6	89.5	90.8	92.4	92.4	93.3	95.4	96.1	96.8	97.0	98.6	99.6
GE 000	77.8	82.6	84.9	87.0	88.6	89.5	90.8	92.4	92.4	93.3	95.4	96.1	96.8	97.0	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 563

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: DEC HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
GE 20000	58.2	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
GE 18000	58.2	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
GE 16000	58.2	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
GE 14000	58.2	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
GE 12000	59.3	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
GE 10000	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
GE 9000	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
GE 8000	66.4	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
GE 7000	67.1	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
GE 6000	67.1	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
GE 5000	67.3	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 4500	67.3	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 4000	69.1	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE 3500	70.5	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 3000	71.1	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
GE 2500	72.9	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
GE 2000	78.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 1800	78.8	80.0	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 1500	81.3	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 1200	82.1	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 1000	82.9	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 900	84.5	86.3	86.4	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 800	84.6	86.8	87.1	87.7	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
GE 700	84.8	87.3	87.7	88.2	88.6	88.6	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 600	85.0	88.4	88.9	89.5	90.9	91.1	92.5	92.7	92.7	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 500	85.4	88.9	89.6	90.2	92.1	92.5	94.1	94.3	94.3	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 400	85.4	88.9	89.8	90.5	92.5	93.0	94.6	94.8	95.0	95.9	95.9	96.3	96.4	96.4	96.4	96.4
GE 300	85.4	88.9	89.8	90.5	92.5	93.0	94.6	95.0	95.2	96.3	96.6	97.0	97.5	98.0	98.8	98.8
GE 200	85.4	88.9	89.8	90.5	92.5	93.0	94.6	95.0	95.2	96.3	96.8	97.7	98.2	98.8	100.0	100.0
GE 100	85.4	88.9	89.8	90.5	92.5	93.0	94.6	95.0	95.2	96.3	96.8	97.7	98.2	98.8	100.0	100.0
GE 000	85.4	88.9	89.8	90.5	92.5	93.0	94.6	95.0	95.2	96.3	96.8	97.7	98.2	98.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 560

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOO AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: DEC HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	52.0	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
GE 20000	62.3	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
GE 18000	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
GE 16000	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
GE 14000	62.6	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
GE 12000	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
GE 10000	66.7	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
GE 9000	67.4	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 8000	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 7000	71.9	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
GE 6000	71.9	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
GE 5000	71.9	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
GE 4500	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 4000	73.5	73.7	73.7	73.7	73.7	73.8	73.8	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 3500	74.4	74.6	74.7	74.7	74.7	74.9	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 3000	76.3	76.5	76.9	76.9	76.9	77.0	77.0	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
GE 2500	77.4	77.6	77.9	77.9	77.9	78.1	78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 2000	81.7	81.9	82.2	82.2	82.2	82.4	82.7	82.9	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 1800	81.9	82.2	82.6	82.6	82.6	82.7	83.1	83.3	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 1500	83.6	84.0	84.3	84.3	84.3	84.5	84.9	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 1200	85.6	85.9	86.3	86.3	86.3	86.5	86.8	87.0	87.0	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 1000	85.6	86.1	86.8	86.8	86.8	87.0	87.4	87.5	87.5	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 900	85.8	86.3	87.0	87.0	87.0	87.2	87.5	87.7	87.7	87.9	87.9	87.9	87.9	87.9	87.9	87.9
GE 800	86.1	86.7	87.4	87.7	87.9	88.1	88.4	88.6	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 700	86.3	87.7	88.4	88.8	89.0	89.1	89.7	90.0	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 600	86.7	88.1	89.0	89.5	90.0	90.4	91.3	91.6	91.6	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 500	87.0	88.4	89.7	90.2	90.7	91.1	93.1	93.4	93.4	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 400	87.2	88.6	89.9	90.4	91.5	92.0	94.1	94.8	94.8	95.4	95.4	95.6	95.7	95.7	95.7	95.7
GE 300	87.2	88.6	89.9	90.4	92.0	92.5	95.2	95.9	95.9	96.6	96.6	97.0	97.3	97.3	97.5	97.5
GE 200	87.2	88.6	89.9	90.4	92.0	92.5	95.2	96.1	96.1	96.8	96.8	97.2	97.5	97.5	98.9	98.9
GE 100	87.2	88.6	89.9	90.4	92.0	92.5	95.2	96.1	96.1	96.8	96.8	97.2	97.5	97.5	99.3	100.0
GE 000	87.2	88.6	89.9	90.4	92.0	92.5	95.2	96.1	96.1	96.8	96.8	97.2	97.5	97.5	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 562

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: BOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: DEC HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	56.4	56.8	56.9	56.9	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 20000	60.4	60.7	60.9	60.9	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
GE 18000	60.4	60.7	60.9	60.9	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
GE 16000	60.4	60.7	60.9	60.9	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
GE 14000	60.7	61.1	61.3	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 12000	62.2	62.5	62.7	62.7	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
GE 10000	64.3	64.7	64.9	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
GE 9000	64.9	65.2	65.4	65.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 8000	67.2	67.6	67.7	67.7	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
GE 7000	68.8	69.2	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
GE 6000	69.5	69.9	70.1	70.1	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 5000	69.5	69.9	70.1	70.1	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 4500	70.1	70.5	70.6	70.6	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 4000	70.8	71.2	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
GE 3500	71.9	72.6	72.8	72.8	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 3000	73.2	73.9	74.4	74.8	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 2500	75.5	76.2	76.8	77.1	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 2000	79.6	80.9	81.8	82.2	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 1800	79.6	80.9	81.8	82.2	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 1500	83.1	84.3	85.2	85.6	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 1200	83.8	85.4	86.3	86.7	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 1000	84.0	85.8	87.0	87.6	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 900	84.3	86.3	87.7	88.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 800	84.3	86.3	87.9	88.5	89.9	89.9	89.9	89.9	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 700	84.5	86.5	88.5	89.0	90.5	90.5	90.5	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 600	84.7	86.7	89.2	89.7	91.4	91.4	91.5	91.5	91.5	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 500	85.6	87.6	90.1	90.6	92.3	92.3	92.6	92.6	92.6	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 400	85.8	87.7	90.5	91.0	92.6	92.6	93.2	94.1	94.1	94.4	94.4	94.4	94.6	94.6	94.8	94.8
GE 300	85.8	87.7	90.6	91.2	93.0	93.0	94.1	95.1	95.1	95.5	95.7	95.7	95.9	96.0	96.2	96.2
GE 200	85.8	87.7	90.6	91.2	93.0	93.0	94.1	95.1	95.1	95.7	95.9	95.9	96.0	96.2	96.6	97.3
GE 100	85.8	87.7	90.6	91.2	93.0	93.0	94.1	95.1	95.1	95.9	96.2	96.2	96.4	96.6	97.7	99.3
GE 000	85.8	87.7	90.6	91.2	93.0	93.0	94.1	95.1	95.1	95.9	96.2	96.2	96.4	96.6	97.8	100.0

TOTAL NUMBER OF OBSERVATIONS 555

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: DEC HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	55.3	55.3	55.5	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
GE 20000	59.1	59.1	59.3	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
GE 18000	59.1	59.1	59.3	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
GE 16000	59.1	59.1	59.3	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
GE 14000	59.5	59.5	59.7	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
GE 12000	60.5	60.5	60.7	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
GE 10000	61.5	61.5	61.7	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
GE 9000	61.7	61.7	61.9	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
GE 8000	63.0	63.2	63.4	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
GE 7000	64.2	64.4	64.6	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 6000	65.2	65.4	65.6	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 5000	66.0	66.2	66.4	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
GE 4500	66.2	66.4	66.6	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 4000	66.6	67.2	67.4	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 3500	68.2	68.8	69.0	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 3000	71.5	72.3	72.9	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 2500	73.9	74.7	75.5	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 2000	77.5	78.3	79.1	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 1800	77.7	78.7	79.6	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 1500	80.0	81.4	82.2	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 1200	81.6	83.0	84.2	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 1000	83.0	84.6	86.0	86.8	87.0	87.0	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 900	83.4	85.0	86.6	88.1	88.3	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 800	83.4	85.0	86.6	88.5	88.9	88.9	89.1	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
GE 700	84.2	86.0	87.7	89.7	90.3	90.3	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
GE 600	84.4	86.2	88.3	90.5	91.5	91.5	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 500	84.8	86.6	88.9	91.3	92.5	92.5	92.9	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 400	84.8	86.8	89.1	91.5	92.9	93.1	93.9	94.3	94.3	94.3	94.5	94.5	94.5	94.5	94.5	94.5
GE 300	84.8	86.8	89.3	91.9	93.7	93.9	95.1	95.7	95.7	95.7	96.0	96.0	96.2	96.2	96.6	96.6
GE 200	84.8	86.8	89.3	91.9	93.7	93.9	95.1	95.7	95.7	96.0	96.2	96.2	96.8	96.8	97.4	97.4
GE 100	84.8	86.8	89.3	91.9	93.7	93.9	95.1	95.7	95.7	96.2	96.4	96.4	97.0	97.0	98.0	98.6
GE 000	84.8	86.8	89.3	91.9	93.7	93.9	95.1	95.7	95.7	96.2	96.4	96.4	97.2	97.2	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 494

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: DEC HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	52.3	52.7	52.8	53.0	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.3	53.3
GE 20000	58.0	58.5	58.7	58.9	58.9	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
GE 18000	58.1	58.6	58.7	58.9	58.9	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.2	59.2
GE 16000	58.1	58.6	58.7	58.9	58.9	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.2	59.2
GE 14000	58.2	58.7	58.8	59.0	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.3	59.3
GE 12000	59.1	59.6	59.7	59.9	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.2	60.2
GE 10000	61.8	62.3	62.4	62.6	62.6	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.9	62.9
GE 9000	62.3	62.8	62.9	63.1	63.1	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.4	63.4
GE 8000	63.7	64.4	64.5	64.7	64.8	64.9	64.9	64.9	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0
GE 7000	64.9	65.5	65.7	65.9	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.2	66.2
GE 6000	65.2	65.9	66.0	66.2	66.3	66.4	66.4	66.4	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5
GE 5000	65.5	66.2	66.3	66.5	66.6	66.7	66.7	66.7	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 4500	66.0	66.7	66.8	67.0	67.1	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE 4000	67.0	67.9	68.0	68.2	68.3	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.6	68.6
GE 3500	68.2	69.1	69.3	69.5	69.6	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.9	69.9
GE 3000	69.4	70.5	70.8	71.1	71.2	71.3	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 2500	70.9	72.1	72.4	72.7	72.8	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.1	73.1
GE 2000	74.9	76.4	76.9	77.2	77.3	77.5	77.5	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 1800	75.2	76.8	77.2	77.5	77.7	77.9	78.0	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 1500	78.1	79.8	80.4	80.7	80.8	81.0	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.3	81.3
GE 1200	79.3	81.1	81.7	82.1	82.4	82.6	82.7	82.8	82.8	82.8	82.8	82.8	82.9	82.9	82.9	82.9
GE 1000	80.2	82.3	83.0	83.5	83.8	84.0	84.1	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.4	84.4
GE 900	81.0	83.0	83.9	84.6	85.0	85.2	85.4	85.5	85.5	85.6	85.7	85.7	85.7	85.7	85.7	85.8
GE 800	81.3	83.5	84.4	85.5	86.1	86.3	86.5	86.7	86.7	86.8	86.9	86.9	87.0	87.0	87.1	87.1
GE 700	81.8	84.3	85.3	86.5	87.3	87.5	87.8	88.1	88.1	88.2	88.3	88.3	88.4	88.4	88.5	88.5
GE 600	81.9	84.8	86.3	87.6	88.8	89.1	89.7	90.0	90.0	90.3	90.4	90.4	90.5	90.5	90.6	90.6
GE 500	82.5	85.5	87.1	88.5	89.9	90.3	91.1	91.5	91.5	91.9	92.1	92.1	92.2	92.2	92.3	92.3
GE 400	82.6	85.7	87.4	89.0	90.6	91.1	92.2	92.9	92.9	93.4	93.8	93.9	94.1	94.1	94.2	94.4
GE 300	82.6	85.7	87.6	89.3	91.1	91.6	93.1	93.9	93.9	94.7	95.4	95.6	95.9	96.0	96.5	96.7
GE 200	82.6	85.7	87.6	89.3	91.1	91.8	93.2	94.1	94.1	95.0	95.8	96.1	96.6	96.7	97.7	98.2
GE 100	82.6	85.7	87.6	89.3	91.1	91.8	93.2	94.1	94.2	95.2	96.1	96.4	96.9	97.3	98.5	99.4
GE 000	82.6	85.7	87.6	89.3	91.1	91.8	93.2	94.1	94.2	95.2	96.1	96.4	97.0	97.3	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 3933



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570 STATION NAME: HOOD AAF/KILLEEN TX PERIOD OF RECORD: OCT 81 - SEP 91  
LST TO UTC: + 6 MONTH: ALL HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	55.2	55.9	56.2	56.3	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.5	56.5
GE 20000	63.3	64.1	64.4	64.6	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.8	64.8
GE 18000	63.4	64.2	64.5	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.9	64.9
GE 16000	63.4	64.3	64.6	64.7	64.8	64.8	64.8	64.8	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9
GE 14000	63.7	64.5	64.8	65.0	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.2
GE 12000	64.4	65.2	65.5	65.7	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.9	65.9
GE 10000	65.8	67.7	68.0	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.4	68.4
GE 9000	67.1	68.1	68.4	68.5	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.8	68.8
GE 8000	69.3	70.3	70.7	70.9	71.0	71.0	71.0	71.0	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1
GE 7000	70.2	71.2	71.5	71.7	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	72.0	72.0
GE 6000	70.6	71.6	72.0	72.2	72.3	72.3	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 5000	71.3	72.3	72.7	72.9	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.2	73.2
GE 4500	72.0	73.0	73.4	73.6	73.7	73.8	73.8	73.8	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 4000	73.6	74.7	75.2	75.4	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.7	75.7	75.7	75.7
GE 3500	75.7	77.0	77.5	77.8	77.9	77.9	78.0	78.0	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1
GE 3000	78.4	79.8	80.4	80.7	80.9	80.9	81.0	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 2500	80.1	81.6	82.2	82.6	82.7	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	83.0
GE 2000	83.1	84.8	85.5	85.9	86.2	86.2	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
GE 1800	83.3	85.1	85.8	86.2	86.5	86.5	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.8
GE 1500	85.5	87.5	88.4	88.9	89.2	89.3	89.4	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 1200	87.0	89.2	90.2	90.7	91.1	91.2	91.3	91.4	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5
GE 1000	87.8	90.1	91.2	91.8	92.3	92.3	92.5	92.6	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7
GE 900	88.3	90.8	91.9	92.7	93.2	93.2	93.4	93.5	93.6	93.6	93.6	93.6	93.7	93.7	93.7	93.7
GE 800	88.6	91.2	92.5	93.3	93.8	93.9	94.2	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.5
GE 700	88.9	91.7	93.0	93.9	94.5	94.7	94.9	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.3	95.3
GE 600	89.1	92.1	93.5	94.5	95.2	95.4	95.8	95.9	95.9	96.0	96.1	96.1	96.1	96.1	96.2	96.2
GE 500	89.4	92.4	93.9	95.0	96.0	96.2	96.7	96.9	97.0	97.1	97.2	97.2	97.2	97.2	97.3	97.3
GE 400	89.4	92.5	94.1	95.3	96.4	96.6	97.3	97.7	97.7	97.9	98.0	98.0	98.1	98.1	98.2	98.2
GE 300	89.5	92.5	94.2	95.4	96.5	96.8	97.6	98.0	98.1	98.4	98.6	98.6	98.7	98.7	98.9	99.0
GE 200	89.5	92.6	94.2	95.5	96.6	96.8	97.6	98.1	98.2	98.5	98.8	98.8	99.1	99.1	99.4	99.6
GE 100	89.5	92.6	94.3	95.5	96.6	96.9	97.7	98.1	98.2	98.6	98.9	98.9	99.2	99.2	99.6	99.8
GE 000	89.5	92.6	94.3	95.5	96.6	96.9	97.7	98.1	98.2	98.6	98.9	98.9	99.2	99.2	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 58206

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JAN HOURS:ALL

HOURS (LST)	AIRWAY CLASSES				TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST				
00-02	35.6	15.8	14.4	32.3	1.0	48.6	1.8	436
03-05	32.4	13.8	17.5	32.4	3.9	53.8	.9	435
06-08	18.8	21.6	22.2	31.3	6.0	59.6	3.2	680
09-11	11.9	21.9	26.8	35.8	3.6	66.2	6.5	645
12-14	10.7	28.4	28.5	31.5	.9	60.9	3.3	645
15-17	9.4	34.1	28.2	27.3	.9	56.5	2.9	648
18-20	13.6	34.2	23.1	28.0	1.1	52.2	2.6	646
21-23	27.1	21.5	19.7	30.5	1.2	51.5	2.1	573
ALL HOURS	18.6	24.7	23.2	31.1	2.4	56.7	3.1	4708

MONTH: FEB HOURS: ALL

00-02	27.9	18.8	15.7	35.7	1.8	53.2	1.3	451
03-05	27.0	16.7	16.3	37.9	2.0	56.3	1.1	448
06-08	17.9	24.2	18.8	36.7	2.4	58.0	4.3	654
09-11	12.9	23.2	25.0	36.9	2.1	63.9	3.8	613
12-14	10.7	26.4	28.2	34.2	.5	62.9	2.9	614
15-17	10.3	30.4	27.7	30.9	.7	59.2	3.1	611
18-20	11.4	32.2	24.2	31.5	.7	56.4	2.6	612
21-23	27.0	26.1	15.3	29.2	2.3	46.8	1.1	555
ALL HOURS	17.4	25.2	21.8	34.0	1.5	57.4	2.7	4558

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OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: BOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: MAR HOURS:ALL

HOURS (LST)	AIRWAY CLASSES					GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST	TOTAL OBSCURATION			
00-02	35.3	19.8	16.5	27.8	.6	44.9		490
03-05	35.0	15.7	19.8	28.4	1.0	49.3		489
06-08	15.7	23.5	25.0	35.1	.8	60.8	4.0	733
09-11	12.1	25.1	28.2	34.2	.4	62.8	2.3	688
12-14	9.6	28.4	31.9	29.4	.6	62.0	1.5	686
15-17	9.3	34.6	33.3	22.8		56.1	1.8	685
18-20	13.8	34.9	29.5	21.7		51.2	1.7	687
21-23	28.7	24.7	20.9	25.6		46.6	1.3	616
ALL HOURS	18.6	26.5	26.3	28.2	.4	54.9	1.7	5074

MONTH: APR HOURS: ALL

00-02	27.0	23.8	22.2	26.2	.8	49.2	.4	478
03-05	26.2	22.1	21.7	28.7	1.2	51.6	2.0	488
06-08	11.4	29.0	27.3	30.3	2.0	59.6	4.7	696
09-11	12.4	28.5	27.3	31.5	.3	59.1	3.0	667
12-14	14.4	29.5	31.7	24.4		56.1	.9	668
15-17	12.1	33.2	34.9	19.8		54.6	1.0	668
18-20	12.0	36.3	32.6	19.0	.1	51.7	1.0	669
21-23	25.2	28.6	24.3	21.2	.7	46.2	.3	604
ALL HOURS	16.8	29.3	28.2	25.0	.6	53.9	1.8	4938

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OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: MAY HOURS:ALL

HOURS (LST)	AIRWAY CLASSES				TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST				
00-02	18.5	25.5	30.5	25.3	.2	56.0	.8	498
03-05	13.1	25.6	33.3	27.6	.3	61.3	1.9	579
06-08	6.2	23.5	35.2	34.7	.4	70.3	3.6	715
09-11	6.9	28.2	35.7	29.2		64.9	2.3	698
12-14	6.1	31.0	40.3	22.6		63.0	1.4	694
15-17	5.6	37.4	39.4	17.6		57.0	.1	698
18-20	7.2	42.8	35.0	15.0		50.0	.1	698
21-23	17.9	35.2	29.4	17.5		46.9	.2	565
ALL HOURS	9.6	31.4	35.2	23.8	.1	59.1	1.4	5145

MONTH: JUN HOURS: ALL

00-02	36.0	29.7	17.8	16.6		34.4		489
03-05	19.7	34.7	29.1	16.4		45.5		573
06-08	7.5	35.0	38.8	18.7		57.5	.3	711
09-11	5.4	36.8	40.7	17.2		57.9		691
12-14	4.1	38.5	45.2	12.3		57.5		691
15-17	2.4	48.7	40.7	8.2		48.9	.6	696
18-20	4.9	55.4	30.4	9.4		39.7	.6	695
21-23	22.5	47.4	16.6	13.4		30.1	.2	559
ALL HOURS	11.4	41.2	33.5	13.9		47.4	.2	5105

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JUL HOURS:ALL

HOURS (LST)	AIRWAY CLASSES				GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST			
00-02	41.8	38.7	13.5	5.9	19.5		555
03-05	30.1	41.2	20.5	8.1	28.7	.2	614
06-08	8.9	51.1	30.6	9.5	40.0	1.7	707
09-11	9.9	51.9	30.0	8.2	38.2	.3	686
12-14	3.1	55.3	34.2	7.4	41.6	.1	687
15-17	2.3	53.9	35.7	8.2	43.8		687
18-20	6.2	52.0	32.4	9.4	41.8	.1	689
21-23	28.5	47.1	19.4	4.9	24.4		607
ALL HOURS	15.3	49.3	27.6	7.8	35.4	.3	5232

MONTH: AUG HOURS: ALL

00-02	42.0	38.1	15.2	4.8	20.0		586
03-05	35.6	40.6	17.5	6.3	23.8	.5	646
06-08	9.3	56.1	26.7	8.0	34.6	1.3	742
09-11	8.7	54.6	27.2	9.5	36.7	.7	716
12-14	2.2	57.2	33.7	6.8	40.5		718
15-17	1.5	54.0	39.3	5.2	44.5	.1	715
18-20	5.9	52.2	35.1	6.8	42.0	.6	717
21-23	29.9	46.3	18.3	5.6	23.8	.2	629
ALL HOURS	15.8	50.4	27.2	6.7	33.8	.4	5469

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: SEP HOURS:ALL

HOURS (LST)	CLEAR	SCATTERED	BROKEN	OVERCAST	AIRWAY CLASSES		GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
					TOTAL OBSCURATION				
00-02	33.7	33.7	21.6	10.9			32.6		522
03-05	29.2	35.3	23.4	12.1			35.5	.3	578
06-08	14.1	36.5	32.9	16.4	.1		49.5	4.0	683
09-11	13.1	31.2	42.9	12.9			55.8	2.1	674
12-14	8.2	40.6	40.6	10.6			51.2	.3	668
15-17	7.6	45.2	38.4	8.8			47.2	1.0	672
18-20	13.0	45.6	31.3	10.0			41.4	1.3	667
21-23	30.1	39.0	20.9	10.0			30.9	.9	579
ALL HOURS	17.8	38.5	32.1	11.5	.0		43.7	1.3	5043

MONTH: OCT HOURS: ALL

00-02	41.7	24.0	16.5	17.5	.4		34.4	1.9	480
03-05	37.1	21.6	17.5	22.0	1.8		41.3	2.5	550
06-08	20.2	29.1	20.0	27.6	3.1		50.7	6.7	684
09-11	15.6	30.9	28.1	23.8	1.7		53.6	3.6	661
12-14	10.8	40.8	27.6	20.6	.2		48.3	2.1	664
15-17	11.4	43.3	27.7	17.5	.2		45.3	2.3	658
18-20	19.7	42.7	20.0	17.7			37.7	3.2	661
21-23	37.6	31.4	15.0	15.4	.6		31.0	2.4	545
ALL HOURS	23.0	33.6	22.0	20.5	1.0		43.4	3.2	4903

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: NOV HOURS:ALL

HOURS (LST)	AIRWAY CLASSES				TOTAL OBS		
	CLEAR	SCATTERED	BROKEN	OVERCAST			
				TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	
00-02	25.5	28.7	13.3	30.9	1.6	45.7	376
03-05	25.6	22.1	17.9	32.5	1.9	52.3	375
06-08	17.9	26.3	22.3	30.2	3.4	55.8	597
09-11	12.8	30.7	26.4	28.0	2.1	56.6	564
12-14	13.7	31.7	30.1	24.5		54.6	564
15-17	11.8	36.0	28.9	23.3		52.2	567
18-20	21.4	33.3	22.4	22.4	.5	45.4	562
21-23	34.1	22.8	18.2	24.2	.8	43.2	505
ALL HOURS	19.6	29.3	23.1	26.6	1.3	51.0	4110

MONTH: DEC HOURS: ALL

00-02	37.8	17.8	14.8	28.9	.6	44.3	4.3	325
03-05	35.5	21.6	11.4	31.2	.3	42.9	4.6	324
06-08	21.1	24.5	17.8	30.5	6.0	54.4	5.1	550
09-11	14.6	28.2	20.2	32.9	4.1	57.2	5.5	563
12-14	15.0	30.7	22.5	28.9	2.9	54.3	3.8	560
15-17	13.3	31.7	25.1	27.8	2.1	55.0	4.3	562
18-20	20.4	30.3	18.2	28.1	3.1	49.4	2.3	555
21-23	31.7	18.8	16.0	30.7	2.8	49.5	1.8	495
ALL HOURS	22.0	26.3	18.9	29.8	3.0	51.8	3.9	3934

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OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: ALL HOURS: ALL

HOURS (LST)	AIRWAY CLASSES					GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST	TOTAL OBSCURATION			
00-02	33.8	26.9	17.8	20.8	.6	39.2	.8	5686
03-05	28.7	27.2	21.1	22.1	.9	44.1	1.2	6099
06-08	13.8	32.1	26.8	25.5	1.9	54.1	3.7	8152
09-11	11.2	32.9	30.1	24.6	1.1	55.9	2.7	7866
12-14	8.8	36.9	33.2	20.7	.4	54.3	1.3	7859
15-17	7.9	40.6	33.6	17.7	.3	51.5	1.4	7867
18-20	12.1	41.5	28.2	17.8	.4	46.4	1.4	7858
21-23	28.2	32.8	19.6	18.7	.7	39.0	.9	6832
ALL HOURS	17.0	34.3	26.9	21.0	.8	48.7	1.7	58219





PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTT	EEEEEEEE
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTT	EEEEEEEE
PP PP	AA AA	RR RR	TT	EE
PP PP	AA AA	RR RR	TT	EE
PPPPPPPP	AA AA	RRRRRRRR	TT	EEEE
PPPPPPPP	AAAAAAAA	RRRRRRRR	TT	EEEE
PP	AAAAAAAA	RR RR	TT	EE
PP	AA AA	RR RR	TT	EE
PP	AA AA	RR RR	TT	EEEEEEEE
PP	AA AA	RR RR	TT	EEEEEEEE

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## PART E

### TEMPERATURE AND RELATIVE HUMIDITY SUMMARIES

#### TEMPERATURE--CUMULATIVE PERCENT OCCURRENCE FREQUENCY (POF).

THESE TABLES ARE CREATED FROM SUMMARY OF DAY DATA AND GIVE CUMULATIVE POF FOR MAXIMUM, MINIMUM, AND MEAN TEMPERATURES, RESPECTIVELY. DATA IS SUMMARIZED BY MONTH FOR ALL YEARS COMBINED. TOTALS ARE GIVEN FOR THE WHOLE YEAR. DATA IS DISPLAYED USING 5-DEGREE FAHRENHEIT INCREMENTS (GE 0, GE 5, GE 10, ETC).. THERE IS ONE SPECIAL THRESHOLD FOR "GE 33" DEGREES. MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS ARE GIVEN.

NOTE 1. BEGINNING IN JANUARY 1946, DAILY MAXIMUM AND MINIMUM TEMPERATURES CAME ROUTINELY FROM HOURLY OBSERVATIONS ON AWS FORMS 10/10A OR FROM AUTOMATED DATA COLLECTION FROM ALL USAF-OPERATED STATIONS. REFER TO THE "STATION HISTORY" PAGE FOR DETAILED INFORMATION ON REPORTING PRACTICES.

#### MONTHLY TEMPERATURES.

ALSO FROM SUMMARY OF DAY DATA, THE TABLES GIVE MONTHLY MAXIMUM AND MINIMUM TEMPERATURES BY MONTH AND BY YEAR. MONTHLY RECORD TEMPERATURES (MAX AND MIN) ARE GIVEN, ALONG WITH TOTAL OBSERVATIONS. AN ASTERISK (\*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS.

#### MEAN MONTHLY TEMPERATURE.

ALSO FROM SUMMARY OF DAY DATA, GIVES MONTHLY MEAN TEMPERATURE BY MONTH, FOR ALL MONTHS, AND FOR ALL YEARS. AN ASTERISK (\*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS.

#### DRY BULB, WET BULB, AND DEW POINT TEMPERATURES.

THESE TABLES ARE CREATED FROM HOURLY OBSERVATIONS--DATA IS SUMMARIZED:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS ARE GIVEN.

THE MEAN NUMBER OF HOURS WITH TEMPERATURES FOR VARIOUS THRESHOLDS ALSO APPEAR AS SPECIFIED IN EACH SUMMARY AND IN ACCORDANCE WITH AFM 88-29, "ENGINEERING WEATHER DATA," AND AWSP 105-56, "METEOROLOGICAL TECHNIQUES."

NOTE 1. WINTER WET BULB AND DEW POINT MEAN TEMPERATURES FOR VERY COLD STATIONS MUST BE USED WITH CAUTION. WHEN THE DRY BULB TEMPERATURE IS BELOW -35 DEGREES F, DEW POINT TEMPERATURES ARE NOT REPORTED (FWS-1B). AS A RESULT, WINTER MEAN DEW POINTS (AND MORE FREQUENTLY, WINTER MEAN WET BULB TEMPERATURES) ARE ACTUALLY LOWER THAN SHOWN IN THE TABLES. IN SOME HOUR GROUPS, IN FACT, MEAN WET BULB TEMPERATURES MAY ACTUALLY BE SHOWN AS EXCEEDING THE MEAN DRY BULB TEMPERATURES.

SPECIAL CAVEAT: DURING PART TIME PERIODS, THESE SUMMARIES REPRESENT THE "HIGH" AND "LOW" TEMPERATURES RECORDED AND NOT NECESSARILY THE ACTUAL MAXIMUM AND MINIMUM VALUES. THESE SUMMARIES ARE INFLUENCED BY THE ABSENCE OF NIGHTTIME TEMPERATURE READINGS. THEREFORE, CERTAIN SUMMARIES MAY DEPICT A SLIGHT "WARM" BIAS.

TEMPERATURE CONVERSIONS:  $F = 1.8C + 32$

$C = K - 273.0$  (BEFORE 5 APRIL 77)

$C = K - 273.2$  (SINCE 5 APRIL 77)

RELATIVE HUMIDITY--CUMULATIVE PERCENT OCCURRENCE FREQUENCY (POF).

CREATED FROM HOURLY OBSERVATIONS, THESE TABLES GIVE POF OF RELATIVE HUMIDITY FOR 10% INCREMENTS. MEANS AND TOTAL OBSERVATION COUNTS ARE ALSO PROVIDED. THE DATA IS SUMMARIZED AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

E - 1 - 3

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF MAXIMUM TEMPERATURES IN FAHRENHEIT  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: +06

PERIOD OF RECORD: 6103-7006,7101-8412,8709-9109  
MONTH: ALL HOURS: ALL

TEMP (DEG-F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
105							.1	.7					.1
100						.6	6.9	10.0	1.3				1.6
95			.1	.8	2.0	11.7	39.1	43.1	9.9	.3			9.1
90			1.0	3.8	11.6	53.8	78.6	79.9	38.6	6.7	.3		23.4
85	.1	.9	5.1	15.1	40.0	81.5	93.2	92.1	65.5	25.0	3.1	.2	36.1
80	1.9	4.6	14.0	37.9	65.3	92.8	97.7	97.8	84.2	50.2	13.0	1.9	47.9
75	8.3	14.1	33.5	66.3	86.5	97.5	99.6	99.7	92.8	69.5	30.3	7.3	60.0
70	17.5	28.8	51.0	81.7	95.2	99.3	100.0	100.0	97.8	84.4	47.8	23.2	70.0
65	31.8	40.8	69.1	92.2	98.8	100.0			98.7	92.0	62.5	38.4	77.9
60	44.2	55.2	81.2	96.6	99.7				99.7	96.2	76.6	52.3	84.2
55	58.2	67.4	89.0	98.6	100.0				100.0	98.5	85.9	64.9	89.1
50	68.4	80.2	94.6	100.0						99.6	92.5	78.0	93.1
45	78.6	89.9	97.0							100.0	97.5	87.5	96.0
40	86.7	95.3	99.3								99.7	93.4	97.9
35	94.0	97.6	99.9								100.0	97.8	99.1
33	96.2	98.9	99.9									98.7	99.5
30	98.1	99.2	99.9									99.1	99.7
25	99.7	99.7	100.0									99.8	99.9
20	99.7	99.7										100.0	100.0
15	100.0	100.0											100.0
MEAN	56.3	60.7	68.6	76.6	81.9	88.8	92.7	93.1	86.3	78.0	67.3	59.1	76.2
SD	13.28	12.47	10.73	8.09	6.71	5.74	5.26	5.51	7.25	8.73	10.90	11.87	15.57
TOTAL OBS	686	632	728	715	735	725	693	712	690	685	638	633	8272

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF MINIMUM TEMPERATURES IN FAHRENHEIT  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: +06

PERIOD OF RECORD: 6103-7006,7101-8412,8709-9109  
MONTH: ALL HOURS: ALL

TEMP (DEG-F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
GE 85							.1	.3					.0
GE 80						.4	1.6	2.4	.3				.4
GE 75					2.2	17.4	35.8	38.4	12.3	1.2			9.2
GE 70			.3	5.7	24.5	66.1	93.1	90.2	51.7	10.4	1.1		29.3
GE 65	.6	.2	6.5	25.3	50.3	91.7	99.3	99.4	74.8	27.0	7.1	1.3	41.3
GE 60	4.1	2.8	16.6	47.0	77.8	97.8	100.0	100.0	87.7	47.6	16.1	4.4	51.4
GE 55	8.2	9.8	31.3	68.0	93.1	99.9			95.9	67.9	28.2	9.6	60.6
GE 50	15.6	20.3	48.2	82.9	98.4	100.0			99.1	84.5	45.8	18.5	69.0
GE 45	25.2	35.4	68.0	94.4	100.0				100.0	95.9	64.9	32.1	77.3
GE 40	41.5	57.0	81.7	98.7						99.4	82.3	51.7	85.0
GE 35	61.4	75.6	92.0	99.7						99.9	94.5	72.8	91.7
GE 33	69.1	81.8	95.3	99.9						100.0	96.7	79.6	93.8
GE 30	79.6	88.6	97.7	100.0							99.4	87.5	96.2
GE 25	89.1	95.9	99.6								99.5	94.8	98.3
GE 20	95.5	98.7	100.0								100.0	98.1	99.4
GE 15	98.8	100.0										99.4	99.9
GE 10	99.9											99.8	100.0
GE 5	100.0											100.0	100.0
MEAN	38.0	41.2	49.1	58.1	64.3	70.6	73.4	73.4	68.0	58.6	48.9	40.5	57.4
SD	11.00	9.66	9.92	8.08	6.32	4.35	2.97	3.29	6.42	8.22	9.70	10.15	14.83
TOTAL OBS	686	632	728	715	735	725	693	713	690	685	638	633	8273

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF MEAN TEMPERATURES IN FAHRENHEIT  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722570

STATION NAME: BOOD AAF/KILLEEN TX  
LST TO UTC: +06

PERIOD OF RECORD: 6103-7006,7101-8412,8709-9109  
MONTH: ALL HOURS: ALL

TEMP (DEG-F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
90						.1	1.7	4.8					.6
85					1.0	13.2	39.1	43.7	9.6	.3			9.1
80				2.7	14.4	61.0	86.3	85.7	43.0	5.3			25.5
75			3.7	17.2	43.8	88.3	98.3	98.2	72.9	24.7	2.7		38.5
70	.9	2.2	13.5	44.5	75.0	97.0	99.9	99.9	88.4	47.6	13.9	1.7	49.9
65	8.0	10.8	31.6	70.2	92.4	99.6	100.0	100.0	95.9	70.9	29.8	6.8	61.0
60	15.7	21.5	52.5	85.7	98.6	100.0			99.0	87.3	45.1	19.3	69.9
55	28.3	38.8	69.0	93.8	100.0				100.0	95.6	65.4	35.7	78.2
50	42.7	55.7	83.2	98.7						99.3	79.6	52.4	85.0
45	61.1	73.9	92.7	100.0						100.0	92.0	70.8	91.3
40	73.8	88.1	96.8								98.0	85.5	95.4
35	87.0	94.0	99.2								99.8	92.9	97.8
33	90.2	96.5	99.6								100.0	95.1	98.5
30	93.7	98.6	99.9									97.5	99.2
25	98.0	99.4	100.0									99.2	99.7
20	99.6	99.7										99.7	99.9
15	100.0	100.0										100.0	100.0
MEAN	47.4	51.2	59.1	67.6	73.4	80.0	83.3	83.5	77.4	68.6	58.4	50.1	67.0
SD	11.26	10.16	9.55	7.24	5.78	4.52	3.57	3.88	6.17	7.62	9.54	10.15	14.78
TOTAL OBS	686	632	728	715	735	725	693	712	690	685	638	633	8272

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

MONTHLY MAXIMUM TEMPERATURES IN FAHRENHEIT  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: +06

PERIOD OF RECORD: 6103-7006,7101-8412,8709-9105  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
61			84*	91	97	94	92	99	96	85	85	74	99*
62	76	87	82	90	92	94	101	106	97	92	84	73	106
63	80	88	86	98	95	97	101	101	100	91	88	74	101
64	74	69	79	85	89	94	102	103	96	85	80	82	103
65	76	71	77	90	88	93	96	97	101	91	86	76	101
66	70	73	87	93	95	96	103	102	97	90	83	82	103
67	80	78	93	87	96	100	106	104	89	88	84	77	106
68	76	74	84	83	89	94	92	95	97	90	82	74	97
69	86	83	86	84	88	101	99	105	94	90	86	74	105
70	80	84	81	88	87	95							95*
71	81*	80*	86*	92*	90*	95*	99*	94*	92*	87*	80*	75*	99*
72	80*	89*	89*	90*	88*	96*	94*	95*	95*	90*	81*	82*	96*
73	72*	76*	82*	84*	90*	91*	95*	96*	93*	88*	83*	83*	96*
74	77*	80*	87*	86*	90*	95*	102*	94*	87*	85*	81*	75*	102*
75	79*	78*	83*	86*	86*	91*	96*	96*	95*	91*	88*	80*	96*
76	76*	81*	87*	82*	88*	93*	94*	99*	92*	87*	76*	72*	99*
77	68*	84*	83*	82*	89*	94*	97*	99*	100*	88*	84*	85*	100*
78	81*	80*	78*	95*	97*	98*	102*	100*	93*	91*	82*	78*	102*
79	69*	83*	81*	85*	84*	95*	94*	94*	92*	98*	80*	77*	98*
80	76*	87*	83*	87*	88*	103*	102*	102*	98*	87*	86*	79*	103*
81	76*	79*	86*	90*	91*	95*	98*	98*	93*	90*	81*	75*	98*
82	76*	83*	83*	94*	88*	92*	99*	102*	95*	91*	84*	77*	102*
83	77*	76*	86*	85*	84*	93*	95*	100*	96*	94*	87*	74*	100*
84	71*	79*	90*	92*	97*	98*	99*	102*	94*	88*	80*	75*	102*
87									95*	93	87	78*	95*
88	70	78	85	96	95	98	100	104	96*	88	91*	77*	104*
89	81	78	91	95	98	97	100	99	100	99	90*	80*	100*
90	83	82	78	95	95	99	102	103	100	94	82*	81*	103*
91	74*	80*	96*	93*	93	95	98	100	92				100*



OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

MONTHLY MAXIMUM TEMPERATURES IN FAHRENHEIT  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722570

STATION NAME: BOOD AAF/KILLEEN TX  
LST TO UTC: +06

PERIOD OF RECORD: 6103-7006,7101-8412,8709-9109  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
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GREATEST	86	89	96	98	98	103	106	106	101	99	91	85	106
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TOTAL OBS	686	632	728	715	735	725	693	712	690	685	638	633	8272
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THE GREATEST VALUE OF 106 OCCURRED ON 08/09/62

NOTE: \*THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

E - 3 - 1B

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

MONTHLY MINIMUM TEMPERATURES IN FAHRENHEIT  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722570

STATION NAME: ROOD AAF/KILLEEN TX  
LST TO UTC: +06

PERIOD OF RECORD: 6103-7006,7101-8412,8709-9109  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
61			41*	39	53	63	67	62	55	47	37	21	21*
62	12	23	21	40	51	64	70	67	55	47	39	21	12
63	10	19	36	46	52	66	68	70	49	50	31	18	10
64	15	28	31	37	54	51	67	70	57	41	28	22	15
65	23	18	21	45	53	61	65	67	57	44	39	33	18
66	13	23	31	44	52	66	70	65	59	39	30	19	13
67	22	22	29	52	47	66	64	62	47	45	36	30	22
68	20	26	31	39	53	62	62	65	54	42	31	23	20
69	22	32	27	47	46	56	70	66	60	42	30	22	22
70	16	22	35	38	48	55							16*
71	19*	15*	27*	40*	47*	66*	63*	66*	47*	52*	35*	36*	15*
72	15*	21*	34*	43*	57*	57*	62*	68*	63*	43*	32*	24*	15*
73	21*	26*	42*	32*	47*	60*	68*	64*	56*	47*	36*	22*	21*
74	22*	24*	34*	40*	56*	58*	67*	69*	50*	43*	36*	25*	22*
75	15*	23*	30*	36*	55*	61*	66*	68*	48*	47*	30*	24*	15*
76	15*	31*	38*	46*	54*	62*	71*	70*	57*	38*	22*	23*	15*
77	18*	29*	37*	47*	57*	69*	70*	69*	64*	43*	36*	27*	18*
78	21*	26*	29*	45*	45*	64*	72*	68*	63*	51*	36*	28*	21*
79	16*	22*	36*	44*	52*	58*	70*	69*	53*	45*	24*	25*	16*
80	30*	26*	28*	41*	52*	64*	70*	72*	63*	33*	33*	32*	26*
81	30*	15*	30*	47*	47*	65*	71*	65*	50*	42*	38*	23*	15*
82	8*	22*	34*	41*	48*	58*	71*	73*	50*	40*	31*	26*	8*
83	30*	31*	33*	41*	52*	59*	66*	72*	47*	48*	36*	9*	9*
84	14*	26*	34*	42*	51*	57*	66*	68*	55*	50*	32*	31*	14*
87									59*	48	33	28*	28*
88	24	23	30	45	55	63	65	70	58*	53	34*	31*	23*
89	32	16	24	37	59	57	68	66	50	39	37*	10*	10*
90	32	35	34	43	50	68	66	68	56	41	35*	18*	18*
91	27*	33*	40*	46*	49	64	71	70	53				27*

E - 3 - 2A

**OPERATING LOCATION 'A'**  
**USAFETAC, ASHEVILLE NC**

**MONTHLY MINIMUM TEMPERATURES IN FAHRENHEIT  
FROM SUMMARY OF DAY DATA**

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: +06

PERIOD OF RECORD: 6103-7006,7101-8412,8709-9109  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
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LEAST	8	15	21	32	45	51	62	62	47	33	22	9	8
TOTAL OBS	686	632	728	715	735	725	693	713	690	685	638	633	8273

THE LEAST VALUE OF 8 OCCURRED ON 01/11/82

NOTE: \*THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

MONTHLY MEAN TEMPERATURES IN FAHRENHEIT  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: +06

PERIOD OF RECORD: 6103-7006,7101-8412,8709-9109  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
61			60*	66	75	78	81	81	77	69	55	50	70*
62	44	58	56	66	76	80	85	87	80	72	58	49	68
63	41	49	63	72	75	82	85	85	79	74	59	43	67
64	48	46	57	68	73	79	84	85	77	65	60	51	66
65	52	47	49	69	72	79	83	83	80	66	63	53	66
66	43	49	60	68	73	81	86	84	79	67	62	49	67
67	51	51	66	73	73	84	85	84	75	68	60	50	68
68	48	48	58	67	73	80	79	82	75	70	55	50	65
69	52	51	52	67	70	79	85	82	77	65	56	51	66
70	42	52	55	69	72	78							61*
71	51*	53*	58*	66*	73*	81*	84*	78*	77*	70*	57*	53*	66*
72	49*	52*	64*	72*	72*	80*	80*	81*	81*	67*	51*	47*	67*
73	45*	49*	62*	61*	71*	76*	81*	81*	76*	70*	62*	50*	66*
74	48*	56*	65*	67*	77*	79*	83*	80*	69*	68*	55*	49*	66*
75	53*	52*	58*	67*	73*	79*	82*	82*	75*	72*	59*	51*	67*
76	48*	60*	65*	68*	71*	80*	81*	83*	77*	60*	51*	49*	66*
77	41*	54*	59*	66*	74*	81*	83*	85*	82*	71*	61*	54*	68*
78	40*	42*	57*	69*	77*	83*	87*	85*	79*	72*	57*	50*	67*
79	42*	51*	61*	66*	70*	78*	81*	81*	74*	70*	56*	54*	66*
80	49*	55*	59*	66*	71*	83*	88*	86*	81*	68*	57*	54*	69*
81	49*	52*	57*	73*	73*	80*	84*	83*	76*	67*	61*	53*	68*
82	50*	47*	62*	66*	74*	81*	85*	87*	78*	68*	59*	53*	68*
83	49*	53*	58*	64*	70*	77*	81*	84*	77*	71*	63*	40*	66*
84	43*	54*	61*	68*	74*	80*	83*	85*	75*	68*	57*	55*	67*
87									79*	68	57	51*	63*
88	45	50	58	67	73	79	82	86	79*	68	61*	53*	67*
89	52	45	59	66	77	78	82	82	75	70	61*	45*	67*
90	57	56	60	67	76	85	83	86	80	68	62*	53*	70*
91	46*	56*	64*	71*	76	81	84	84	76				73*

MONTHLY MEAN TEMPERATURES IN FAHRENHEIT  
FROM SUMMARY OF DAY DATA

STATION NAME: BOOD AAF/KILLEEN TX  
LST TO UTC: +06

PERIOD OF RECORD: 6103-7006,7101-8412,8709-9109  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
MEAN	47.4	51.2	59.1	67.6	73.4	80.0	83.3	83.5	77.4	68.6	58.4	50.1	67.0
TOTAL OBS	686	632	728	715	735	725	693	712	690	685	638	633	8272

NOTE: \*THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JAN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	46.4	8.922	436	0	26	10	0	0	436
03-05	44.7	8.854	435	0	31	6	0	0	435
06-08	41.6	10.238	680	0	111	11	0	0	680
09-11	46.9	10.960	644	0	58	33	0	0	644
12-14	54.2	12.488	645	0	27	155	2	0	645
15-17	56.7	12.686	648	0	23	210	8	0	648
18-20	51.4	11.116	645	0	36	81	0	0	645
21-23	48.0	9.922	573	0	36	29	0	0	573
ALL HOURS	49.0	11.912	4706	0	348	535	10	0	4706

MONTH: FEB

00-02	49.0	10.561	451	0	27	30	0	0	451
03-05	47.2	10.548	448	0	32	16	0	0	448
06-08	44.7	10.559	654	0	86	13	0	0	654
09-11	50.8	11.940	613	0	46	91	2	0	613
12-14	57.4	13.202	614	0	21	202	19	0	614
15-17	59.7	13.179	611	0	13	237	28	1	611
18-20	55.0	11.755	612	0	18	144	7	0	612
21-23	50.4	10.578	555	0	30	47	0	0	555
ALL HOURS	52.0	12.684	4558	0	273	780	56	1	4558

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OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: MAR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	55.0	9.843	490	0	6	92	0	0	490
03-05	52.9	10.044	489	0	9	71	0	0	489
06-08	52.4	9.923	733	0	13	100	0	0	733
09-11	59.1	9.875	688	0	3	227	5	0	688
12-14	65.6	10.570	686	0	0	401	42	2	686
15-17	68.0	10.505	685	0	0	456	67	3	685
18-20	63.7	9.846	687	0	0	343	21	1	687
21-23	58.6	9.323	616	0	3	200	1	0	616
ALL HOURS	59.8	11.425	5074	0	34	1890	136	6	5074

MONTH: APR

00-02	62.5	7.755	478	0	0	231	0	0	478
03-05	60.6	8.044	489	0	0	186	0	0	489
06-08	59.9	8.179	696	0	0	226	0	0	696
09-11	67.6	8.620	667	0	0	462	36	0	667
12-14	73.5	9.381	668	0	0	553	188	6	668
15-17	75.4	9.518	668	0	0	567	262	7	668
18-20	71.1	8.750	668	0	0	523	105	0	668
21-23	65.5	7.829	604	0	0	370	2	0	604
ALL HOURS	67.4	10.245	4938	0	0	3118	593	13	4938

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OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: BOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: MAY

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	69.5	5.280	498	0	0	408	1	0	498
03-05	67.4	5.838	579	0	0	399	0	0	579
06-08	67.9	6.150	715	0	0	514	6	0	715
09-11	74.7	6.637	697	0	0	635	163	1	697
12-14	80.0	7.038	695	0	0	678	389	20	695
15-17	81.6	6.775	698	0	0	692	459	22	698
18-20	77.8	6.426	698	0	0	685	297	4	698
21-23	72.7	5.382	565	0	0	523	52	0	565
ALL HOURS	74.3	8.142	5145	0	0	4534	1367	47	5145

MONTH: JUN

00-02	75.0	3.953	489	0	0	482	55	0	489
03-05	72.6	3.830	572	0	0	548	1	0	572
06-08	73.6	4.510	710	0	0	688	65	0	710
09-11	81.1	5.759	691	0	0	689	436	11	691
12-14	86.1	6.093	692	0	0	691	596	93	692
15-17	87.4	6.450	696	0	0	696	612	139	696
18-20	83.7	6.290	695	0	0	695	527	43	695
21-23	78.3	4.955	559	0	0	559	251	0	559
ALL HOURS	80.1	7.667	5104	0	0	5048	254	286	5104



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JUL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	77.6	3.534	555	0	0	555	158	0	555
03-05	75.1	2.879	614	0	0	614	37	0	614
06-08	76.0	3.509	707	0	0	707	115	0	707
09-11	84.7	4.805	686	0	0	686	598	33	686
12-14	90.4	5.183	687	0	0	687	656	243	687
15-17	91.4	5.619	687	0	0	687	653	355	687
18-20	87.2	5.821	684	0	0	684	602	130	684
21-23	81.3	4.319	605	0	0	605	416	0	605
ALL HOURS	83.2	7.574	5225	0	0	5225	3235	761	5225

MONTH: AUG

00-02	79.3	3.810	586	0	0	586	320	0	586
03-05	76.5	3.181	646	0	0	646	94	0	646
06-08	76.9	3.312	742	0	0	742	151	0	742
09-11	85.8	5.049	716	0	0	716	636	55	716
12-14	92.0	5.312	718	0	0	718	692	385	718
15-17	93.3	5.584	715	0	0	715	692	475	715
18-20	88.5	5.973	717	0	0	717	643	200	717
21-23	82.7	4.674	629	0	0	629	472	0	629
ALL HOURS	84.6	7.843	5469	0	0	5469	3700	1115	5469

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OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: BOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: SEP

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	73.1	6.454	522	0	0	456	60	0	522
03-05	70.7	6.796	578	0	0	474	11	0	578
06-08	70.4	7.061	683	0	0	554	21	0	683
09-11	78.6	7.273	674	0	0	639	347	6	674
12-14	84.4	7.323	668	0	0	653	538	53	668
15-17	85.5	7.731	672	0	0	655	543	89	672
18-20	80.5	7.596	667	0	0	638	404	21	667
21-23	75.7	6.814	579	0	0	530	168	0	579
ALL HOURS	77.6	9.014	5043	0	0	4599	2092	169	5043

MONTH: OCT

00-02	63.8	7.580	480	0	0	231	5	0	480
03-05	61.6	8.097	550	0	0	219	0	0	550
06-08	61.1	8.828	684	0	0	269	1	0	684
09-11	68.8	8.994	661	0	0	450	86	1	661
12-14	75.2	9.565	664	0	0	561	240	10	664
15-17	76.4	9.311	658	0	0	572	265	13	658
18-20	71.0	8.833	661	0	0	510	124	0	661
21-23	66.6	7.858	545	0	0	337	22	0	545
ALL HOURS	68.4	10.374	4903	0	0	3149	743	24	4903

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OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: NOV

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	55.9	10.181	376	0	2	100	0	0	376
03-05	54.3	10.432	375	0	1	77	0	0	375
06-08	53.4	10.951	596	0	6	128	0	0	596
09-11	60.0	10.987	564	0	3	218	8	0	564
12-14	66.3	11.545	564	0	1	341	66	0	564
15-17	67.0	11.295	567	0	0	343	72	0	567
18-20	61.2	10.294	562	0	2	231	9	0	562
21-23	57.5	9.973	505	0	3	150	0	0	505
ALL HOURS	59.8	11.816	4109	0	18	1588	155	0	4109

MONTH: DEC

00-02	45.0	9.876	325	0	40	5	0	0	325
03-05	43.2	9.824	324	0	53	6	0	0	324
06-08	42.5	11.432	550	0	90	19	0	0	550
09-11	47.9	12.218	563	0	60	51	0	0	563
12-14	54.5	13.473	560	0	34	152	3	0	560
15-17	55.9	13.534	562	0	30	173	4	0	562
18-20	50.4	12.120	555	0	44	63	0	0	555
21-23	47.2	11.250	494	0	49	23	0	0	494
ALL HOURS	48.9	12.900	3933	0	400	492	7	0	3933

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OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: ALL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	64.1	13.882	5686	0	101	3186	599	0	5686
03-05	62.5	13.504	6099	0	126	3262	143	0	6099
06-08	60.7	14.911	8150	0	306	3971	359	0	8150
09-11	67.9	16.106	7864	0	170	4897	2317	107	7864
12-14	74.0	16.159	7861	0	83	5792	3431	812	7861
15-17	75.6	15.920	7867	0	66	6003	3665	1104	7867
18-20	70.9	15.773	7851	0	100	5314	2739	399	7851
21-23	65.8	14.743	6829	0	121	4002	1384	0	6829
ALL HOURS	68.0	16.101	58207	0	1073	36427	14637	2422	58207

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OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JAN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	41.9	8.784	436	65	87	2	0	0	436
03-05	40.9	9.051	435	91	78	3	0	0	435
06-08	38.5	10.252	680	206	100	1	0	0	680
09-11	42.0	10.243	644	108	145	2	0	0	644
12-14	46.0	10.261	645	57	253	4	0	0	645
15-17	47.3	10.105	648	46	271	8	0	0	648
18-20	44.6	9.851	645	69	193	1	0	0	645
21-23	42.8	9.583	573	81	140	0	0	0	573
ALL HOURS	43.1	10.229	4706	723	1267	21	0	0	4706

MONTH: FEB

00-02	44.8	9.755	448	49	147	2	0	0	448
03-05	43.6	10.065	445	58	139	3	0	0	445
06-08	41.3	10.359	651	146	144	1	0	0	651
09-11	45.0	10.387	613	80	206	1	0	0	613
12-14	48.2	10.111	613	44	291	9	0	0	613
15-17	49.1	9.519	611	32	308	9	0	0	611
18-20	47.0	9.596	612	42	258	2	0	0	612
21-23	44.8	9.551	554	58	174	0	0	0	554
ALL HOURS	45.5	10.224	4547	509	1667	27	0	0	4547

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OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: BOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: MAR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	49.4	10.110	490	20	217	27	0	0	490
03-05	48.4	10.437	489	28	203	26	0	0	489
06-08	48.5	10.439	733	37	315	28	0	0	733
09-11	52.2	9.529	688	9	396	48	0	0	688
12-14	55.0	9.053	686	3	484	85	1	0	686
15-17	55.8	8.740	685	0	512	95	1	0	685
18-20	54.1	8.881	687	6	447	67	0	0	687
21-23	51.8	9.427	616	11	331	39	0	0	616
ALL HOURS	52.1	9.908	5074	114	2905	415	2	0	5074

MONTH: APR

00-02	57.1	8.744	478	1	381	73	3	0	478
03-05	56.2	9.096	489	3	367	75	3	0	489
06-08	55.2	9.258	696	2	487	82	1	0	696
09-11	58.7	8.362	666	0	545	133	12	0	666
12-14	61.0	8.039	665	0	591	192	31	0	665
15-17	61.3	7.913	666	0	606	207	43	0	666
18-20	59.7	8.067	668	0	574	158	15	0	668
21-23	57.8	8.355	604	0	485	85	4	0	604
ALL HOURS	58.5	8.699	4932	6	4036	1005	112	0	4932

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OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: MAY

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	65.3	5.828	498	0	496	224	41	0	498
03-05	64.2	6.426	579	0	567	238	32	0	579
06-08	64.3	6.612	714	0	695	308	49	0	714
09-11	67.1	6.025	694	0	689	409	128	3	694
12-14	68.8	5.674	694	0	693	472	203	7	694
15-17	69.1	5.442	695	0	695	492	197	9	695
18-20	68.0	5.556	695	0	694	455	152	2	695
21-23	66.6	5.576	564	0	563	303	79	0	564
ALL HOURS	66.8	6.187	5133	0	5092	2901	881	21	5133

MONTH: JUN

00-02	70.3	3.309	489	0	489	427	126	0	489
03-05	69.3	3.551	572	0	572	477	91	0	572
06-08	69.9	3.770	710	0	710	602	183	0	710
09-11	72.6	3.719	691	0	691	644	386	8	691
12-14	73.7	3.570	692	0	692	647	486	9	692
15-17	73.7	3.458	696	0	696	656	490	8	696
18-20	72.5	3.474	695	0	695	638	390	0	695
21-23	71.2	3.199	559	0	559	498	206	0	559
ALL HOURS	71.8	3.918	5104	0	5104	4589	2358	25	5104

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OPERATING LOCATION "A"  
USAFSTAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JUL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	71.4	2.502	555	0	555	527	189	0	555
03-05	70.8	2.659	614	0	614	575	148	0	614
06-08	71.5	2.658	707	0	707	669	262	0	707
09-11	73.8	2.489	686	0	686	673	511	4	686
12-14	74.3	2.530	687	0	687	678	557	13	687
15-17	73.9	2.521	687	0	687	678	542	6	687
18-20	72.8	2.460	684	0	684	664	387	3	684
21-23	71.8	2.467	605	0	605	580	228	1	605
ALL HOURS	72.6	2.725	5225	0	5225	5044	2824	27	5225

MONTH: AUG

00-02	71.9	2.792	586	0	586	550	276	0	586
03-05	71.4	2.812	646	0	646	600	278	0	646
06-08	72.1	2.959	742	0	742	696	371	1	742
09-11	74.5	2.743	716	0	716	709	579	16	716
12-14	75.0	2.582	718	0	718	716	613	27	718
15-17	74.4	2.380	714	0	714	709	582	8	714
18-20	73.1	2.556	717	0	717	701	463	3	717
21-23	72.2	2.667	629	0	629	603	306	0	629
ALL HOURS	73.1	3.026	5468	0	5468	5284	3468	55	5468

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OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: SEP

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	67.7	6.804	522	0	515	354	160	0	522
03-05	66.8	7.389	578	0	564	377	134	0	578
06-08	66.7	7.800	683	0	664	438	173	0	683
09-11	69.8	6.790	674	0	668	512	327	1	674
12-14	70.8	6.044	667	0	666	532	342	8	667
15-17	70.3	5.933	672	0	672	517	328	3	672
18-20	68.8	6.334	667	0	663	466	240	0	667
21-23	68.0	6.682	579	0	571	390	195	0	579
ALL HOURS	68.7	6.935	5042	0	4983	3586	1899	12	5042

MONTH: OCT

00-02	58.8	8.088	477	0	404	82	14	0	477
03-05	57.8	8.717	546	0	443	93	16	0	546
06-08	57.6	9.296	679	0	528	145	25	0	679
09-11	61.5	8.404	660	0	598	219	59	0	660
12-14	63.8	7.798	664	0	642	288	93	0	664
15-17	63.9	7.506	658	0	632	284	76	0	658
18-20	61.8	7.764	660	0	612	218	28	0	660
21-23	59.8	7.811	542	0	474	115	15	0	542
ALL HOURS	60.8	8.540	4886	0	4333	1444	326	0	4886

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OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: NOV

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	51.8	10.636	376	6	205	37	0	0	376
03-05	50.7	10.974	375	8	195	36	0	0	375
06-08	50.3	11.520	595	22	281	68	0	0	595
09-11	54.0	10.830	564	9	345	101	5	0	564
12-14	56.7	10.259	563	4	396	130	8	0	563
15-17	56.5	9.940	567	5	398	127	2	0	567
18-20	54.0	10.078	561	3	351	85	2	0	561
21-23	52.2	10.424	505	3	285	49	2	0	505
ALL HOURS	53.5	10.799	4106	60	2456	633	19	0	4106

MONTH: DEC

00-02	41.2	9.694	322	61	64	0	0	0	322
03-05	39.9	9.823	321	74	52	0	0	0	321
06-08	39.7	11.493	547	142	101	3	0	0	547
09-11	43.1	11.201	560	94	150	8	0	0	560
12-14	46.5	11.141	559	58	218	10	0	0	559
15-17	47.1	10.906	560	53	238	10	0	0	560
18-20	44.5	10.947	552	70	179	4	0	0	552
21-23	42.8	10.823	490	80	135	3	0	0	490
ALL HOURS	43.4	11.171	3911	632	1137	38	0	0	3911

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OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOB AAF/KILLBEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: ALL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	58.9	13.369	5677	202	4146	2305	809	0	5677
03-05	58.6	13.519	6089	262	4440	2503	702	0	6089
06-08	56.9	14.721	8137	555	5474	3041	1064	1	8137
09-11	60.2	14.131	7856	300	5835	3459	2007	32	7856
12-14	62.2	13.060	7853	166	6331	3763	2334	64	7853
15-17	62.4	12.531	7859	136	6429	3792	2261	34	7859
18-20	60.7	12.972	7843	190	6067	3459	1677	8	7843
21-23	58.9	13.380	6820	233	4951	2665	1035	1	6820
ALL HOURS	59.9	13.609	58134	2044	43673	24987	11889	140	58134

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OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: BOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JAN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	36.3	11.162	436	102	198	415	4	436
03-05	35.8	11.443	435	124	190	411	5	435
06-08	33.9	12.458	680	222	249	637	2	680
09-11	35.6	12.899	644	167	290	596	3	644
12-14	36.7	13.082	645	147	314	595	3	645
15-17	36.8	13.010	648	143	317	601	9	648
18-20	36.4	12.683	645	132	308	597	3	645
21-23	36.4	12.319	573	122	265	532	1	573
ALL HOURS	35.9	12.536	4706	1159	2131	4384	30	4706

MONTH: FEB

00-02	39.5	11.845	448	77	254	403	5	613
03-05	38.9	12.139	445	95	236	400	8	613
06-08	36.6	12.542	651	172	301	593	1	613
09-11	38.2	12.809	613	145	336	541	2	613
12-14	38.3	13.084	613	144	333	546	2	613
15-17	37.8	12.895	611	135	329	552	1	613
18-20	38.0	12.605	612	140	340	559	3	613
21-23	38.1	12.016	554	121	303	510	2	613
ALL HOURS	38.1	12.566	4547	1029	2432	4104	24	4547

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OPERATING LOCATION "A"  
USAFETAC, ASSEVILLE NC

DEW POINT TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: BOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: MAR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	43.5	13.280	490	50	316	371	36	490
03-05	43.4	13.245	489	51	312	367	31	489
06-08	44.1	13.079	733	71	494	551	44	733
09-11	45.3	13.109	688	59	473	496	52	688
12-14	45.2	13.284	686	58	473	497	54	686
15-17	44.9	13.403	685	68	480	501	45	685
18-20	45.0	13.072	687	63	495	500	45	687
21-23	45.0	12.791	616	46	438	454	43	616
ALL HOURS	44.6	13.186	5074	466	3481	3737	350	5074

MONTH: APR

00-02	52.4	11.422	478	8	432	255	81	665
03-05	52.3	11.587	489	9	434	261	87	665
06-08	50.9	12.134	696	17	587	396	92	665
09-11	51.5	12.427	666	22	574	370	114	665
12-14	51.2	12.667	665	29	575	382	117	665
15-17	50.5	12.717	666	27	565	396	111	665
18-20	50.6	12.479	668	30	566	393	93	665
21-23	51.4	11.845	604	19	529	340	77	665
ALL HOURS	51.3	12.253	4932	161	4262	2793	772	4932

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OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: MAY

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	62.7	7.221	498	0	498	84	231	498
03-05	62.2	7.587	579	0	577	93	269	579
06-08	62.0	8.038	714	0	708	138	333	714
09-11	62.7	8.135	694	0	688	123	350	694
12-14	62.6	8.496	694	1	688	128	349	694
15-17	62.2	8.489	695	3	689	144	340	695
18-20	62.4	8.280	695	2	689	126	338	695
21-23	62.9	7.498	564	0	562	88	273	564
ALL HOURS	62.4	8.069	5133	6	5099	924	2483	5133

MONTH: JUN

00-02	68.1	3.956	489	0	489	6	424	692
03-05	67.6	4.048	572	0	572	12	480	692
06-08	68.0	4.291	710	0	710	21	613	692
09-11	68.7	4.290	691	0	691	19	623	692
12-14	68.1	4.467	692	0	692	17	594	692
15-17	67.6	4.375	696	0	696	17	565	692
18-20	67.3	4.465	695	0	695	18	546	692
21-23	67.8	4.000	559	0	559	7	463	692
ALL HOURS	67.9	4.354	5104	0	5104	117	4308	5104

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OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JUL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	68.4	3.683	555	0	555	5	488	555
03-05	68.7	3.605	614	0	614	4	553	614
06-08	69.3	3.610	707	0	707	4	648	707
09-11	69.0	3.646	686	0	686	3	612	686
12-14	67.0	4.455	687	0	687	24	549	687
15-17	65.6	4.998	687	0	687	29	456	687
18-20	65.8	4.916	684	0	684	28	461	684
21-23	67.3	4.164	605	0	605	10	481	605
ALL HOURS	67.6	4.453	5225	0	5225	107	4248	5225

MONTH: AUG

00-02	68.3	3.824	586	0	586	4	507	718
03-05	69.0	3.777	646	0	646	3	575	718
06-08	69.9	3.873	742	0	742	1	673	718
09-11	69.6	3.785	716	0	716	0	649	718
12-14	67.5	4.195	718	0	718	3	552	718
15-17	65.7	4.594	714	0	714	13	426	718
18-20	65.9	4.726	717	0	717	17	438	718
21-23	67.2	3.954	629	0	629	4	474	718
ALL HOURS	67.9	4.447	5468	0	5468	45	4294	5468

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OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: SEP

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	64.7	8.407	522	0	522	86	335	522
03-05	64.3	8.774	578	0	577	98	368	578
06-08	64.4	9.186	683	0	678	120	438	683
09-11	65.1	8.942	674	0	670	111	440	674
12-14	63.6	8.588	667	0	661	116	389	667
15-17	62.1	8.997	672	0	668	145	338	672
18-20	62.1	9.213	667	0	660	153	341	667
21-23	63.6	8.774	579	0	578	106	336	579
ALL HOURS	63.7	8.973	5042	0	5014	935	2985	5042

MONTH: OCT

00-02	55.1	10.146	477	0	461	229	97	664
03-05	54.8	10.497	546	2	525	267	115	664
06-08	54.9	10.951	679	0	649	340	166	664
09-11	56.3	10.857	660	4	636	293	189	664
12-14	56.2	10.673	664	4	638	294	187	664
15-17	55.5	10.778	658	8	618	304	172	664
18-20	55.3	10.500	660	2	628	315	157	664
21-23	54.7	10.090	542	0	526	267	107	664
ALL HOURS	55.4	10.634	4886	20	4681	2309	1190	4886

E - 5 - 3 - 5



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: NOV

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	47.9	12.829	376	20	293	242	46	376
03-05	47.2	13.112	375	22	282	253	50	375
06-08	47.2	13.517	595	37	443	405	97	595
09-11	48.5	13.470	564	26	443	356	100	564
12-14	48.6	13.205	563	34	451	354	81	563
15-17	47.6	13.250	567	41	437	373	63	567
18-20	47.5	12.923	561	29	425	373	58	561
21-23	47.0	13.079	505	28	374	342	56	505
ALL HOURS	47.7	13.215	4106	237	3148	2698	551	4106

MONTH: DEC

00-02	35.9	11.946	322	78	137	298	0	559
03-05	35.2	11.921	321	82	125	298	0	559
06-08	35.7	13.387	547	143	228	488	8	559
09-11	37.0	13.220	560	131	255	493	7	559
12-14	37.7	13.329	559	118	268	493	6	559
15-17	37.3	13.472	560	128	277	495	5	559
18-20	37.4	13.310	552	130	272	487	5	559
21-23	37.2	13.094	490	111	230	439	6	559
ALL HOURS	36.8	13.133	3911	921	1792	3491	37	3911

E - 5 - 3 - 6

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: BOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: ALL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	55.0	15.386	5677	335	4741	2398	2254	5677
03-05	55.4	15.478	6089	385	5090	2467	2541	6089
06-08	53.7	16.587	8137	662	6496	3694	3115	8137
09-11	54.6	16.189	7856	554	6458	3401	3141	7856
12-14	54.2	15.662	7853	535	6498	3449	2883	7853
15-17	53.4	15.446	7859	553	6477	3570	2531	7859
18-20	53.4	15.346	7843	528	6479	3566	2488	7843
21-23	53.6	15.507	6820	447	5598	3099	2319	6820
ALL HOURS	54.1	15.746	58134	3999	47837	25644	21272	58134

E - 5 - 3 - 7

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JAN

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02	100.0	99.8	98.6	95.4	85.8	67.4	50.7	30.7	16.3	69.1	436
03-05	100.0	100.0	99.3	97.2	88.3	74.5	58.9	37.9	19.5	72.0	435
06-08	100.0	100.0	99.4	97.2	91.0	79.4	63.8	44.4	20.0	74.3	680
09-11	100.0	99.8	97.5	89.6	76.7	63.8	47.7	28.0	15.1	66.6	644
12-14	100.0	98.4	86.4	72.2	55.2	41.9	27.4	16.0	7.9	55.1	645
15-17	100.0	97.2	82.4	64.8	47.2	32.9	22.2	11.3	6.9	51.2	648
18-20	100.0	98.9	93.8	80.8	67.6	48.2	31.5	17.8	8.4	59.2	645
21-23	100.0	99.3	98.6	91.8	77.3	61.6	43.6	27.1	14.0	66.0	573
ALL HOURS	100.0	99.1	94.1	85.2	72.5	57.7	42.3	26.1	13.2	63.7	4706

MONTH: FEB

00-02	100.0	100.0	99.6	94.6	83.9	72.1	56.7	39.5	19.2	70.9	448
03-05	100.0	100.0	100.0	96.4	88.5	75.5	62.0	43.8	26.1	73.9	445
06-08	100.0	100.0	99.7	95.9	89.6	77.3	64.1	42.9	22.1	73.9	651
09-11	100.0	99.0	94.6	84.3	72.9	59.5	47.0	31.0	15.3	65.1	613
12-14	99.8	94.5	81.6	66.7	53.0	41.6	27.7	18.8	9.8	53.8	613
15-17	99.8	89.9	75.9	60.6	45.8	32.4	23.4	14.9	7.2	49.7	611
18-20	100.0	97.1	86.6	74.5	59.2	45.6	31.7	20.4	8.5	56.8	612
21-23	100.0	99.8	97.7	86.8	74.5	60.3	45.1	29.1	12.5	65.0	554
ALL HOURS	100.0	97.3	91.4	81.6	69.9	57.0	43.8	29.3	14.6	63.1	4547

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: MAR

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO									MEAN	TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%		
00-02	100.0	99.0	97.3	91.6	79.8	65.1	49.6	33.9	14.7	67.5	490
03-05	100.0	99.8	98.4	96.3	87.1	71.2	57.5	41.3	21.7	71.9	489
06-08	100.0	99.9	99.3	97.7	90.2	79.5	64.8	47.9	23.1	74.7	733
09-11	100.0	99.1	93.8	84.7	69.3	57.4	44.5	28.6	14.7	63.7	688
12-14	99.4	95.8	81.8	68.1	51.6	36.7	24.5	12.5	6.1	52.1	686
15-17	99.6	93.6	76.5	59.9	43.2	29.1	19.1	9.3	3.2	47.9	685
18-20	99.7	96.1	86.5	73.1	57.9	41.9	26.1	14.6	7.1	54.7	687
21-23	100.0	99.2	95.8	87.8	73.9	58.6	41.1	23.9	10.6	63.4	616
ALL HOURS	99.8	97.7	90.7	81.6	68.2	54.1	40.1	25.9	12.3	61.5	5074

MONTH: APR

00-02	100.0	100.0	100.0	96.7	88.7	71.5	58.2	36.2	16.1	71.3	478
03-05	100.0	100.0	100.0	98.8	93.5	80.0	66.5	46.8	26.2	75.4	489
06-08	100.0	100.0	99.6	96.6	88.5	75.4	61.5	46.7	25.9	74.0	696
09-11	100.0	98.9	92.5	77.8	65.3	52.4	37.8	20.9	11.0	60.2	666
12-14	100.0	95.8	80.2	61.8	47.2	33.7	18.2	9.3	4.5	49.6	665
15-17	100.0	92.9	74.3	56.3	41.0	26.7	13.4	4.8	2.4	45.8	666
18-20	100.0	96.4	84.9	68.0	52.5	36.7	20.8	9.1	3.1	51.8	668
21-23	100.0	99.7	96.5	87.6	73.2	57.0	40.2	20.9	6.1	62.7	604
ALL HOURS	100.0	97.8	90.3	79.2	67.2	52.7	38.0	23.3	11.4	60.5	4932

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: MAY

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02	100.0	100.0	100.0	99.8	98.8	93.8	83.3	55.0	23.5	80.0	498
03-05	100.0	100.0	100.0	100.0	99.1	96.2	90.8	71.0	38.5	84.0	579
06-08	100.0	100.0	100.0	99.7	98.3	95.1	84.9	67.2	35.0	82.3	714
09-11	100.0	99.9	99.0	96.4	87.9	71.5	47.3	24.1	10.8	68.2	694
12-14	100.0	99.3	96.3	86.9	68.4	44.1	21.6	10.8	4.0	57.7	694
15-17	100.0	98.4	95.3	81.9	59.9	35.3	17.6	7.5	2.3	54.3	695
18-20	100.0	99.3	97.1	90.5	76.3	55.1	30.9	12.4	4.5	61.4	695
21-23	100.0	100.0	99.6	98.8	94.0	83.2	62.2	33.9	11.7	72.8	564
ALL HOURS	100.0	99.6	98.3	93.8	84.3	70.2	52.9	33.8	15.7	69.4	5133

MONTH: JUN

00-02	100.0	100.0	100.0	100.0	100.0	96.5	82.0	50.5	20.7	79.8	489
03-05	100.0	100.0	100.0	100.0	100.0	99.5	94.6	73.6	33.9	85.0	572
06-08	100.0	100.0	100.0	100.0	99.9	99.0	91.7	66.3	27.9	83.2	710
09-11	100.0	100.0	100.0	99.4	95.1	72.9	38.1	13.5	5.9	67.1	691
12-14	100.0	100.0	99.9	95.8	70.2	30.3	13.0	5.2	2.2	56.3	692
15-17	100.0	100.0	99.4	92.2	53.7	21.4	10.1	6.2	3.0	53.4	696
18-20	100.0	100.0	99.6	96.5	75.7	43.0	18.8	9.4	4.9	59.5	695
21-23	100.0	100.0	99.8	99.8	95.9	83.5	52.6	23.6	8.6	71.4	559
ALL HOURS	100.0	100.0	99.8	97.8	85.2	66.1	47.8	29.5	12.8	68.7	5104

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JUL

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02	100.0	100.0	100.0	99.8	97.7	87.6	65.8	34.6	13.9	74.5	555
03-05	100.0	100.0	100.0	100.0	99.5	98.0	83.2	60.9	25.7	81.2	614
06-08	100.0	100.0	100.0	100.0	99.4	96.3	82.6	53.5	24.5	80.7	707
09-11	100.0	100.0	99.9	96.6	82.1	50.9	21.4	7.3	2.8	60.7	686
12-14	100.0	100.0	96.4	77.9	36.0	13.5	5.1	2.8	1.5	47.8	687
15-17	100.0	99.6	91.3	60.0	25.6	11.9	8.3	3.1	1.3	44.7	687
18-20	100.0	99.7	96.3	77.2	48.4	25.7	15.9	5.4	2.0	51.5	684
21-23	100.0	100.0	100.0	97.9	84.8	59.0	32.7	15.2	3.6	64.1	605
ALL HOURS	100.0	99.9	97.9	88.1	70.5	54.1	38.4	22.3	9.2	62.7	5225

MONTH: AUG

00-02	100.0	100.0	100.0	99.8	97.1	82.4	50.5	17.6	3.8	70.0	586
03-05	100.0	100.0	100.0	100.0	99.4	97.5	81.1	44.0	13.3	78.3	646
06-08	100.0	100.0	100.0	100.0	99.2	96.5	83.6	50.7	19.8	79.8	742
09-11	100.0	100.0	99.9	96.8	80.0	46.2	21.1	7.5	3.2	60.0	716
12-14	100.0	100.0	95.5	71.7	29.0	12.0	5.3	2.6	.8	46.3	718
15-17	100.0	100.0	90.1	47.9	19.9	9.4	5.2	1.8	.4	42.1	714
18-20	100.0	100.0	96.8	70.6	41.0	22.6	12.3	5.7	2.2	49.5	717
21-23	100.0	100.0	100.0	98.3	79.0	51.2	24.6	8.1	3.5	61.0	629
ALL HOURS	100.0	100.0	97.7	85.0	67.0	51.2	34.9	17.2	5.9	60.5	5468

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: SEP

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02	100.0	100.0	100.0	100.0	96.6	88.5	68.8	42.0	15.7	75.9	522
03-05	100.0	100.0	100.0	100.0	99.1	95.0	82.4	60.0	28.7	80.9	578
06-08	100.0	100.0	100.0	100.0	98.8	95.3	85.5	62.7	33.8	81.9	683
09-11	100.0	100.0	100.0	95.3	82.9	62.6	37.5	17.1	6.7	64.9	674
12-14	100.0	100.0	96.1	79.8	53.1	23.7	10.2	5.4	3.0	51.6	667
15-17	100.0	100.0	90.8	65.5	38.5	18.5	11.3	6.4	2.4	47.9	672
18-20	100.0	100.0	96.9	81.3	61.3	38.4	22.8	11.5	5.8	56.2	667
21-23	100.0	100.0	99.8	98.1	86.4	70.8	45.9	23.8	7.9	67.7	579
ALL HOURS	100.0	100.0	97.8	89.4	76.0	60.1	44.3	27.8	12.8	65.3	5042

MONTH: OCT

00-02	100.0	100.0	100.0	98.3	94.3	84.7	65.0	39.2	22.0	74.8	477
03-05	100.0	100.0	100.0	99.1	97.1	90.8	79.5	54.8	30.6	79.5	546
06-08	100.0	100.0	100.0	99.9	97.3	92.9	81.0	59.2	33.3	80.9	679
09-11	100.0	100.0	98.6	93.5	80.3	63.8	45.3	28.0	14.7	66.8	660
12-14	100.0	99.7	93.8	78.0	54.7	33.1	21.8	13.6	6.9	54.7	664
15-17	100.0	98.6	89.2	71.6	45.4	28.4	19.3	13.2	5.6	51.7	658
18-20	100.0	99.8	96.7	87.7	69.8	47.0	28.9	20.5	9.8	60.4	660
21-23	100.0	100.0	99.8	95.6	85.8	68.3	43.9	24.5	13.1	67.5	542
ALL HOURS	100.0	99.8	97.1	89.9	76.9	62.2	47.0	31.1	16.7	66.5	4886

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOB AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: NOV

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02	100.0	100.0	99.7	98.7	94.7	83.5	68.9	45.7	18.1	75.3	376
03-05	100.0	100.0	99.7	98.9	97.3	87.5	72.5	50.4	28.0	77.8	375
06-08	100.0	100.0	99.8	99.7	98.5	91.1	75.5	54.6	31.9	79.8	595
09-11	100.0	100.0	99.3	93.1	82.8	66.0	48.9	30.3	12.4	67.8	564
12-14	100.0	100.0	93.8	79.4	61.3	39.8	22.0	12.1	2.7	55.5	563
15-17	99.6	99.3	90.8	72.1	52.2	34.9	19.0	10.1	3.5	52.6	567
18-20	100.0	100.0	98.8	90.4	74.2	56.3	38.1	20.1	7.0	62.8	561
21-23	100.0	100.0	99.6	96.4	87.1	69.7	51.1	35.0	13.5	69.6	505
ALL HOURS	100.0	99.9	97.5	90.4	79.7	64.4	47.7	31.0	14.0	66.9	4106

MONTH: DEC

00-02	100.0	100.0	99.7	98.1	90.4	74.8	52.8	30.7	13.4	70.4	322
03-05	100.0	100.0	100.0	99.7	93.1	81.0	58.9	36.1	13.4	72.8	321
06-08	100.0	100.0	100.0	99.6	95.8	86.5	68.6	45.9	23.2	76.7	547
09-11	100.0	100.0	98.2	91.6	82.3	65.7	46.6	30.5	16.8	67.7	560
12-14	100.0	99.5	89.1	75.7	59.4	41.7	28.4	16.8	9.8	56.6	559
15-17	99.8	99.1	84.1	67.3	50.7	35.7	25.5	15.0	7.5	53.3	560
18-20	100.0	100.0	96.7	87.9	70.8	53.4	38.9	23.7	9.6	62.7	552
21-23	100.0	100.0	99.8	95.7	85.5	70.4	49.2	29.4	13.3	68.9	490
ALL HOURS	100.0	99.8	95.4	88.2	76.7	61.7	44.8	27.9	13.3	65.4	3911



OPERATING LOCATION "A"  
USAFETAC, ASSEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722570

STATION NAME: HOOD AAF/KILLEEN TX  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: ALL

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02	100.0	99.9	99.6	97.8	92.6	81.2	62.9	37.7	16.2	73.4	5677
03-05	100.0	100.0	99.8	99.0	95.7	88.5	75.7	53.1	25.9	78.3	6089
06-08	100.0	100.0	99.8	98.8	95.6	88.8	75.9	53.7	26.7	78.6	8137
09-11	100.0	99.7	97.8	91.7	79.8	60.9	39.9	21.8	10.6	64.8	7856
12-14	99.9	98.6	91.0	76.3	53.0	32.2	18.4	10.2	4.8	53.0	7853
15-17	99.9	97.4	86.8	66.6	43.3	26.0	15.9	8.4	3.7	49.4	7859
18-20	100.0	98.9	94.2	81.3	62.5	42.3	25.9	13.8	6.0	57.0	7843
21-23	100.0	99.8	98.9	94.5	82.9	65.7	43.9	24.1	9.7	66.5	6820
ALL HOURS	100.0	99.2	95.7	87.5	74.4	59.1	43.4	26.9	12.5	64.4	58134